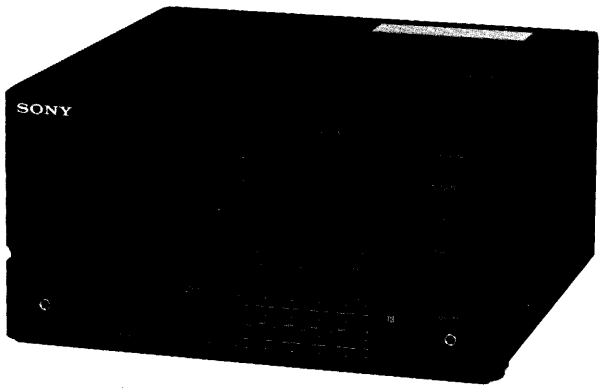
STR-H100

SERVICE MANUAL

AEP Model
UK Model
E Model
Australian Model



This set is receiver section in MHC-2500/FH-E626CD

SPECIFICATIONS

System	FM stereo, FM/AM superheterodyne tuner
FM tuner section	
Tuning range	87.5 – 108 MHz
Antenna terminals	75 ohms unbalanced, IEC connector
Intermediate frequency	10.7 MHz
AM tuner section	
Tuning range	AEP, UK model: MW: 531 – 1,602 kHz LW: 153 – 279 kHz Italian model: MW: 522 – 1,611 kHz LW: 144 – 288 kHz E, Saudi Arabia, Australian model: MW: 531 – 1,602 kHz SW1: 3.2 – 7.3 MHz SW2: 9.5 – 21.75 MHz
Antenna	AM loop antenna, External antenna terminals
Intermediate frequency	450 kHz

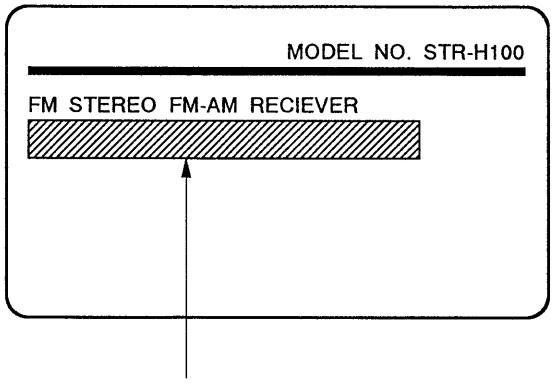
Amplifier Section	
Continuous RMS power output	30 + 30 watts (6 ohms at 1 kHz, 5% THD)
Inputs	MIX MIC (minijack): sensitivity 1 mV, impedance 600 ohms PHONO (phono jacks): sensitivity 5 mV, impedance 47 kilohms
Outputs	HEADPHONES (stereo minijack): accepts headphones of 8 ohms or more. SPEAKER: accepts speakers of 6 to 16 ohms.
Dimensions	Approx. 225 × 118 × 262 mm (w/h/d) (9 × 4 3/4 × 10 3/8 inches)
Weight	Approx. 4 kg (8 lb 13 oz)

FM STEREO FM-AM RECEIVER

SONY®

MODEL IDENTIFICATION

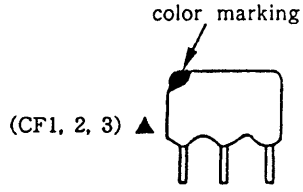
– Specification Label –



AEP, Italian model: AC: 220 V~50/60 Hz
UK model: AC: 240 V~50 Hz
E, Saudi Arabia, Australian model:
AC: 120/220/240 V~50/60 Hz 110 W

Note on Ceramic Filter (CF1, 2, 3) ▲ Replacement.

This set employs three ceramic filters (CF1, 2, 3) ▲ which should have the same color marking to identify their center frequency. Therefore FM IF offset adjustment by * D513, * D514 is necessary to match the center frequency of the ceramic filters used with FM intermediate frequency.



○ : Mounted
× : not Mounted

Ceramic filter		Mount		FM intermediate frequency (MHz)
Color mark	Center frequency (MHz)	* D513	* D514	
White	10.750	○	×	10.750
Red	10.700	○	○	10.700
Black	10.650	×	○	10.650

FM intermediate frequency is determined by the three types as shown above, Ceramic filters of same center frequency, i. e., of same color coding should be used for CF1, CF2 and CF3.

When replacing the ceramic filters, perform the FM Discriminator Adjustment.

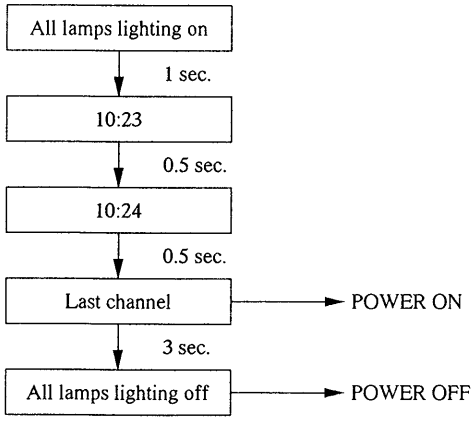
▲: AEP, UK, E, Saudi Arabia, Australian model: CF1, 2
Italian model: CF1, 2, 3

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

- **Service mode for checking the timer ON/OFF**

1) Set the SYSTEM POWER switch to the state of STANDBY.
2) Set the timer of tuner to a proper time (any time).
3) Press 3 switches simultaneously, namely, TIMER/TUNER PRESET [+], ○ Band and ○ MODE.
4) FL-tube display



5) End

- **Reset of IC501**

The display controller IC501 is reset by checking the timer ON/OFF.
After resetting, the following frequencies are pre-set to the memory.
When the repair is completed, return the memory to the preceding state (content).

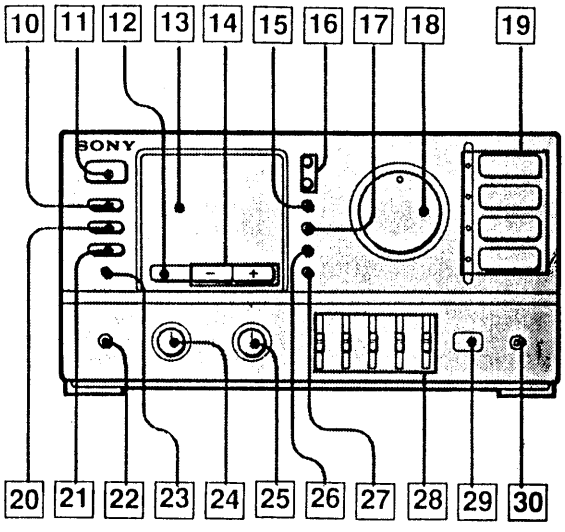
AEP, UK, Italian model

FM	MW		LW	
	AEP, UK model	Italian model	AEP, UK model	Italian model
A1 87.5 MHz	A6 531 kHz	A6 522 kHz	B1 153 kHz	B1 144 kHz
A2 88.0 MHz	A7 603 kHz	A7 603 kHz	B2 162 kHz	B2 162 kHz
A3 98.0 MHz	A8 999 kHz	A8 999 kHz	B3 216 kHz	B3 216 kHz
A4 106.0 MHz	A9 1,404 kHz	A9 1,404 kHz	B4 270 kHz	B4 270 kHz
A5 108.0 MHz	A0 1,602 kHz	A0 1,611 kHz	B5 279 kHz	B5 288 kHz

E, Saudi Arabia, Australian model

FM	MW	SW
A1 87.5 MHz	A6 531 kHz	B1 5.95 MHz
A2 88.0 MHz	A7 603 kHz	B2 7.0 MHz
A3 98.0 MHz	A8 999 kHz	B3 12.0 MHz
A4 106.0 MHz	A9 1,404 kHz	B4 17.0 MHz
A5 108.0 MHz	A0 1,602 kHz	B5 17.9 MHz

Parts Identification



Receiver Section B

10 TIMER CONTROL button
11 SYSTEM POWER switch
12 SHIFT (memory page select) button
13 Display window
14 TUNER PRESET/TIMER –/+ buttons
15 BAND selector
16 TUNING –/+ buttons
17 MODE selector
18 VOLUME control
19 Function selectors
20 SLEEP timer button
21 TIMER SET button
22 HEADPHONES jack (stereo minijack)
23 CLOCK set button
24 DBFB control (SAT control: E, Saudi Arabia, Australian model)
25 BALANCE control
26 MEMORY button
27 ENTER/NEXT button
28 5-band stereo graphic equalizer
29 Remote control detector
30 MIX MIC (microphone) jack (mini-jack)

Clock Setting

Setting the Clock

Example: Set to 9:25 in the morning.
When the AC power cord is connected, the display shows 0:00.

1 **Press CLOCK.**

2 **Set the hour with TUNER PRESET/ TIMER +/– buttons.**

3 **Press ENTER/NEXT.**

4 **Set the minute with TUNER PRESET/ TIMER +/– buttons.**

5 **Press ENTER/NEXT.**
The clock starts operating.

When a power interruption occurs

The power is backed up for approximately 30 minutes. If the power is recovered within 30 minutes, there is no need to reset the clock and timer. If it is longer than 30 minutes, both the clock and timer settings are erased, and "0:00" will flash on the display.

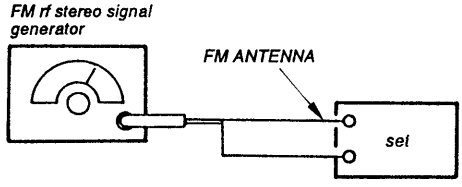
SECTION 2
ADJUSTMENTS

- **Saudi: Saudi Arabia**
  Aus: Australian
  IT: Itarian

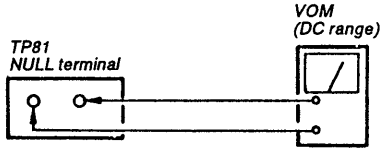
FM SECTION

• FM DISCRIMINATOR ALIGNMENT (NULL CHECK)

Setting:



Carrier frequency: 98 MHz
Output level: 60 dBμ(1 mV)
Modulation : 1 kHz, 75 kHz deviation (E, Saudi, Aus)
1 kHz, 40 kHz deviation (AEP, UK, IT)



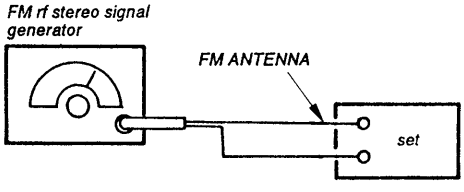
Procedure:

1. Tune the set to 98 MHz.
2. Adjust IFT82 for 0 V reading on the VOM.

Note: FM TUNING LEVEL adjustment should be made after FM discriminator alignment.

• FM TUNING LEVEL ADJUSTMENT

Setting:



Carrier frequency: 98 MHz
Output level: 30dBμ(0.032 mV)
Modulation : 1 kHz, 75 kHz deviation (E, Saudi, Aus)
1 kHz, 40 kHz deviation (AEP, UK, IT)

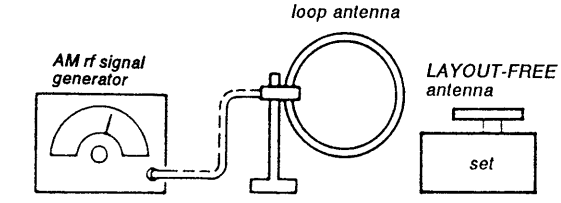
Procedure:

1. Tune the set to 98 MHz.
2. Adjust RV81 so that the TUNED LED goes on.

MW SECTION

• MW TUNING LEVEL ADJUSTMENT

Setting:



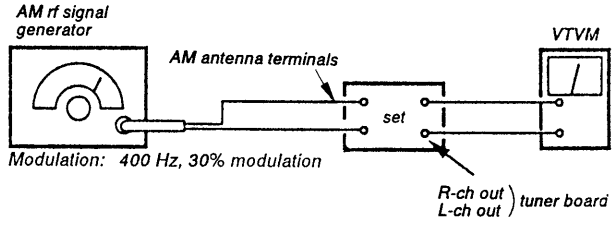
Carrier frequency: 999 kHz
Modulation: 400 Hz, 30% modulation

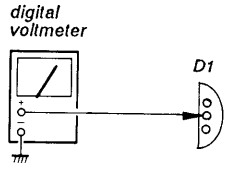
Procedure:

1. Set loop antenna so that the LAYOUT-FREE antenna input level becomes 58 dBμ (0.79 mV).
2. Tune the set to 999 kHz.
3. Adjust the RV82 so that the TUNED LED goes on.

SW SECTION (E, Saudi Arabia, Australian)

Setting:





• SW CONTROL VOLTAGE ADJUSTMENT (FREQUENCY COVERAGE ADJUSTMENT)

Procedure:

1. Connect digital voltmeter to diode D1 center lead and ground.
2. Adjust for a following value reading on digital voltmeter.

	Set frequency	Adjustment part	Reading on digital voltmeter
SW	f min. 5.95 MHz	L3	1.05V
	f max. 17.9 MHz	CT2	8.7V

- **SW TRACKING ADJUSTMENT**

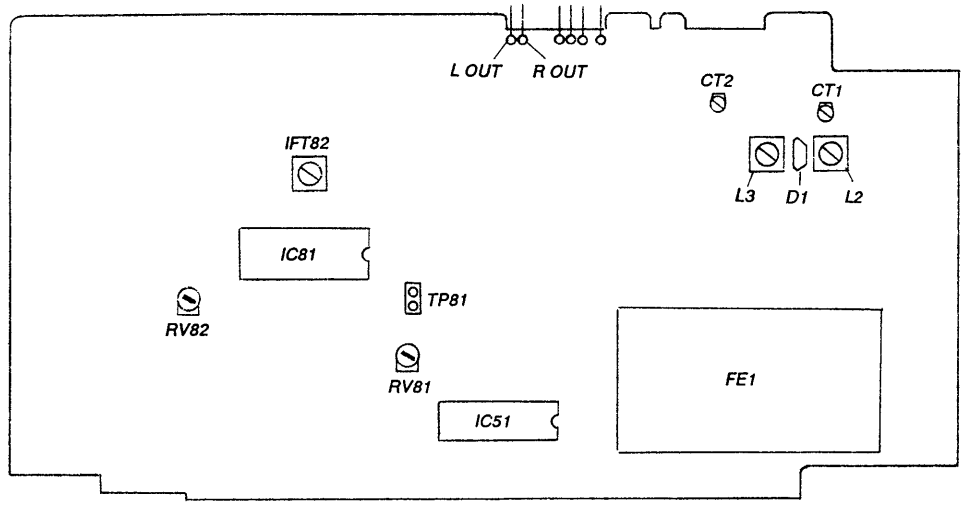
Procedure:
Adjustment for a maximum reading on VTVM.

	Set and SG frequency	Adjustment part
SW	f low. 7.0 MHz	L2
	f high. 17.0 MHz	CT1

- Repeat the procedures is each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by the trimmer capacitors.

[Parts Arrangement Diagram for Adjustments]

TUNER BOARD
– Component Side –



SECTION 3
DIAGRAMS

E, Saudi Arabia, Australian model

3-1. TUNER SECTION PRINTED WIRING BOARDS

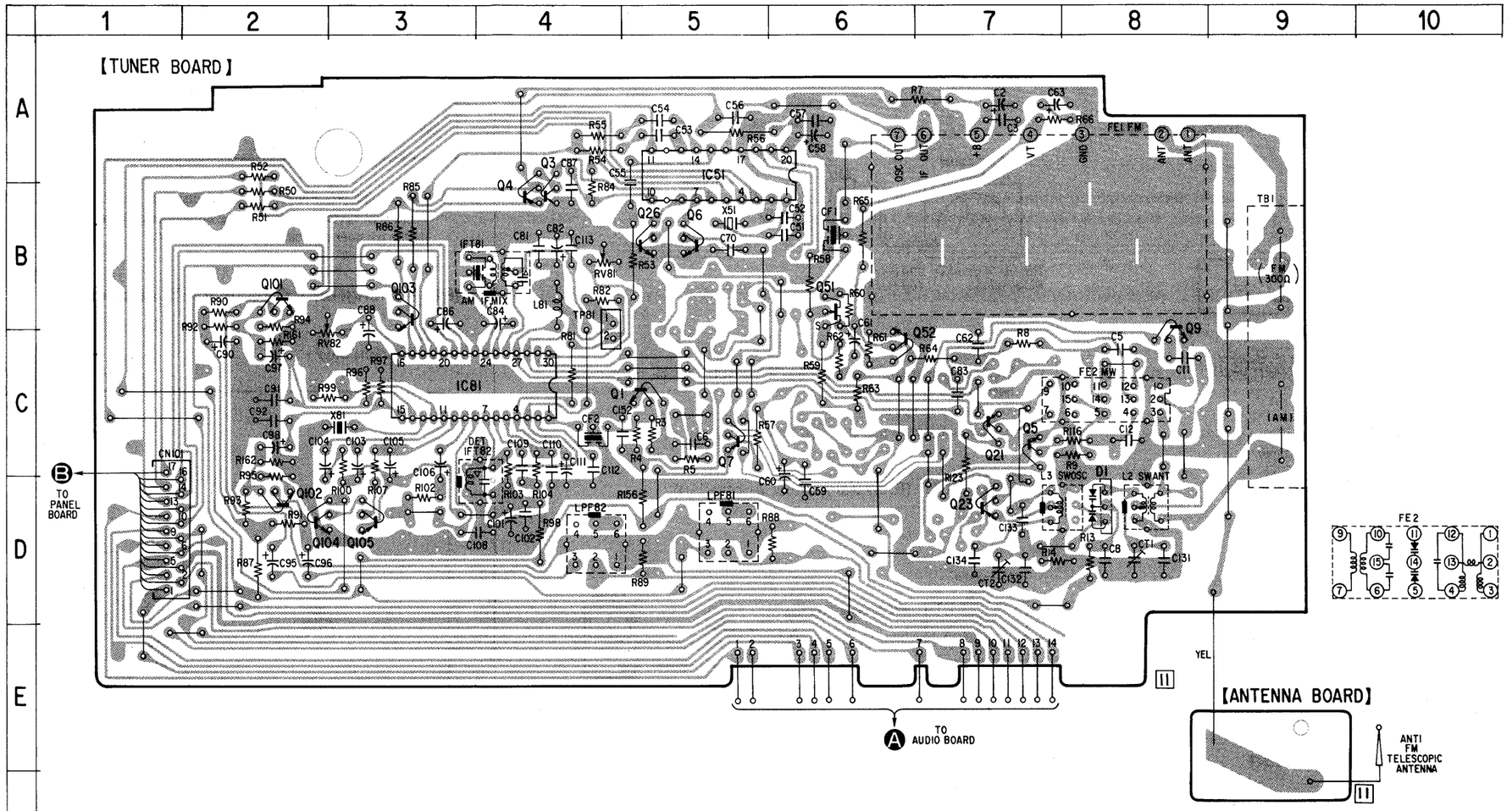
- **Semiconductor Location**

E, Saudi Arabia, Australian

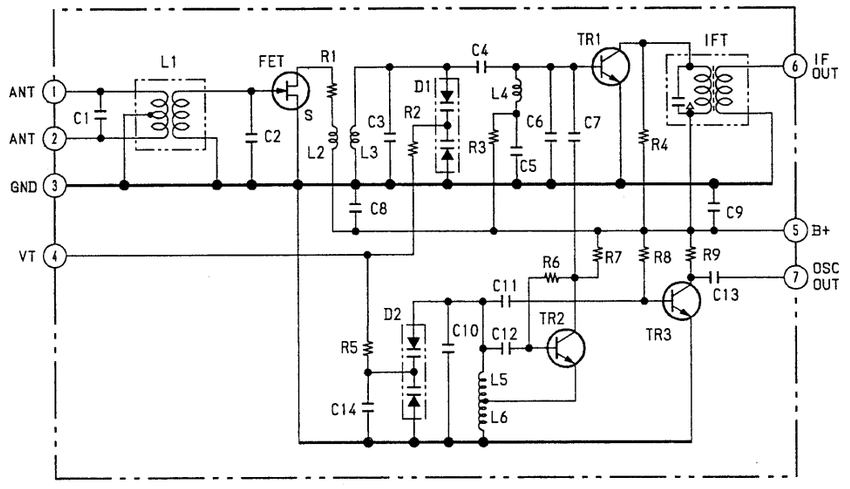
Ref. No.	Location
D1	D-8
IC51	A-5
IC81	C-3
Q1	C-4
Q3	A-4
Q4	B-4
Q5	C-7
Q6	B-5
Q7	C-5
Q9	C-8
Q21	C-7
Q23	D-7
Q26	B-5
Q51	B-6
Q52	C-7
Q101	B-2
Q102	D-2
Q103	B-3
Q104	D-2
Q105	D-3

Note:

- ○——— : parts extracted from the component side.
- ⬚ : indicates side identified with part number.

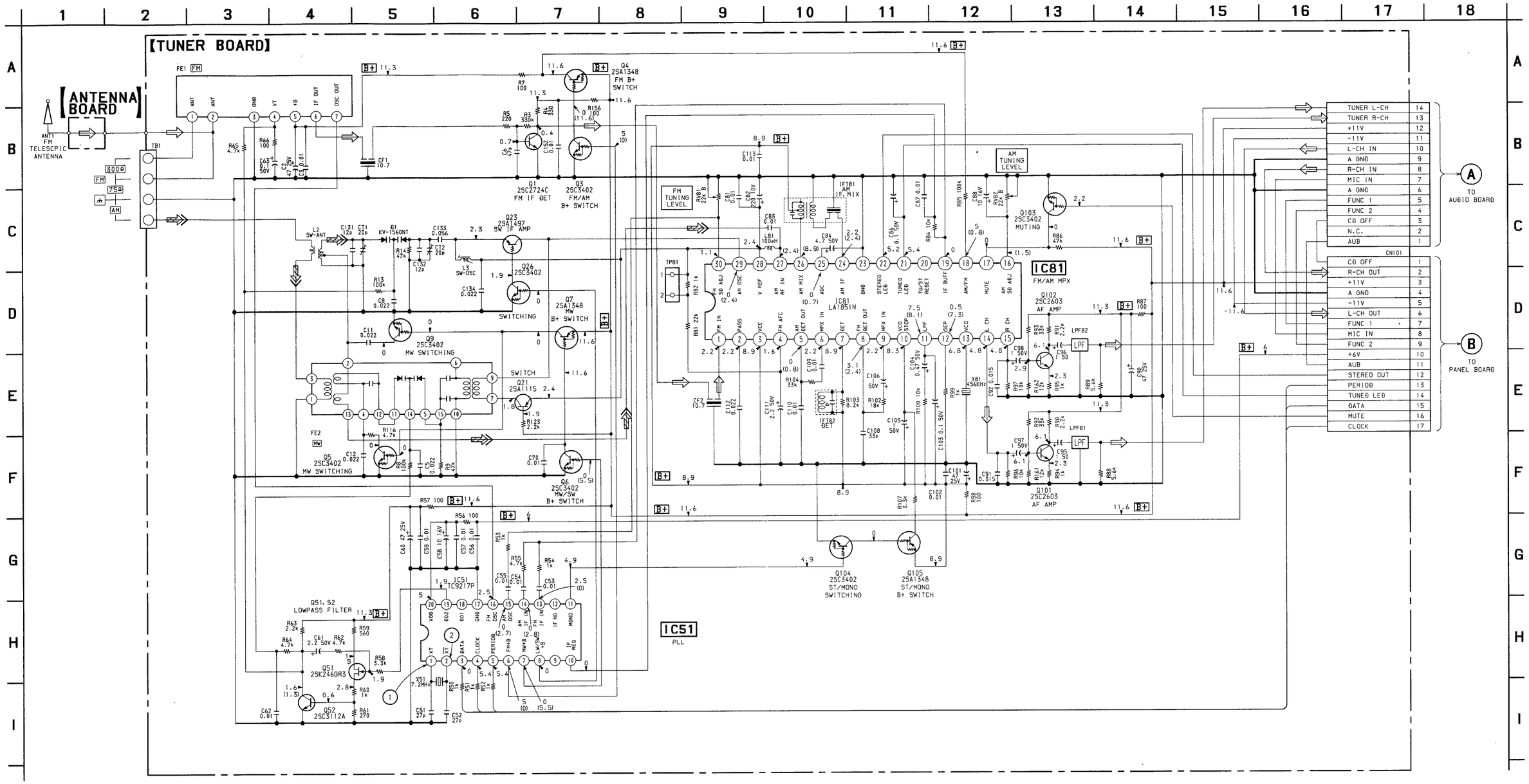


• FE1 FRONT-END



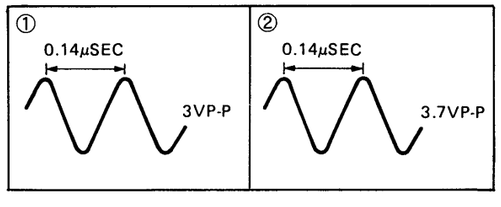
E, Saudi Arabia, Australian model

3-2. TUNER SECTION SCHEMATIC DIAGRAM



Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼ W or less unless otherwise specified.
- △ : internal component.
- ▭ : adjustment for repair.
- Circled numbers refer to wavefroms.
- B+ : B + Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
  ( ) : AM
- Voltages are taken with a VOM (Input impedance 10 MΩ).
  Voltage variations may be noted due to normal production tolerances.
- Wavefroms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : FM
  ⇛ : AM



AEP, UK, Italian model

3-3. TUNER SECTION PRINTED WIRING BOARD

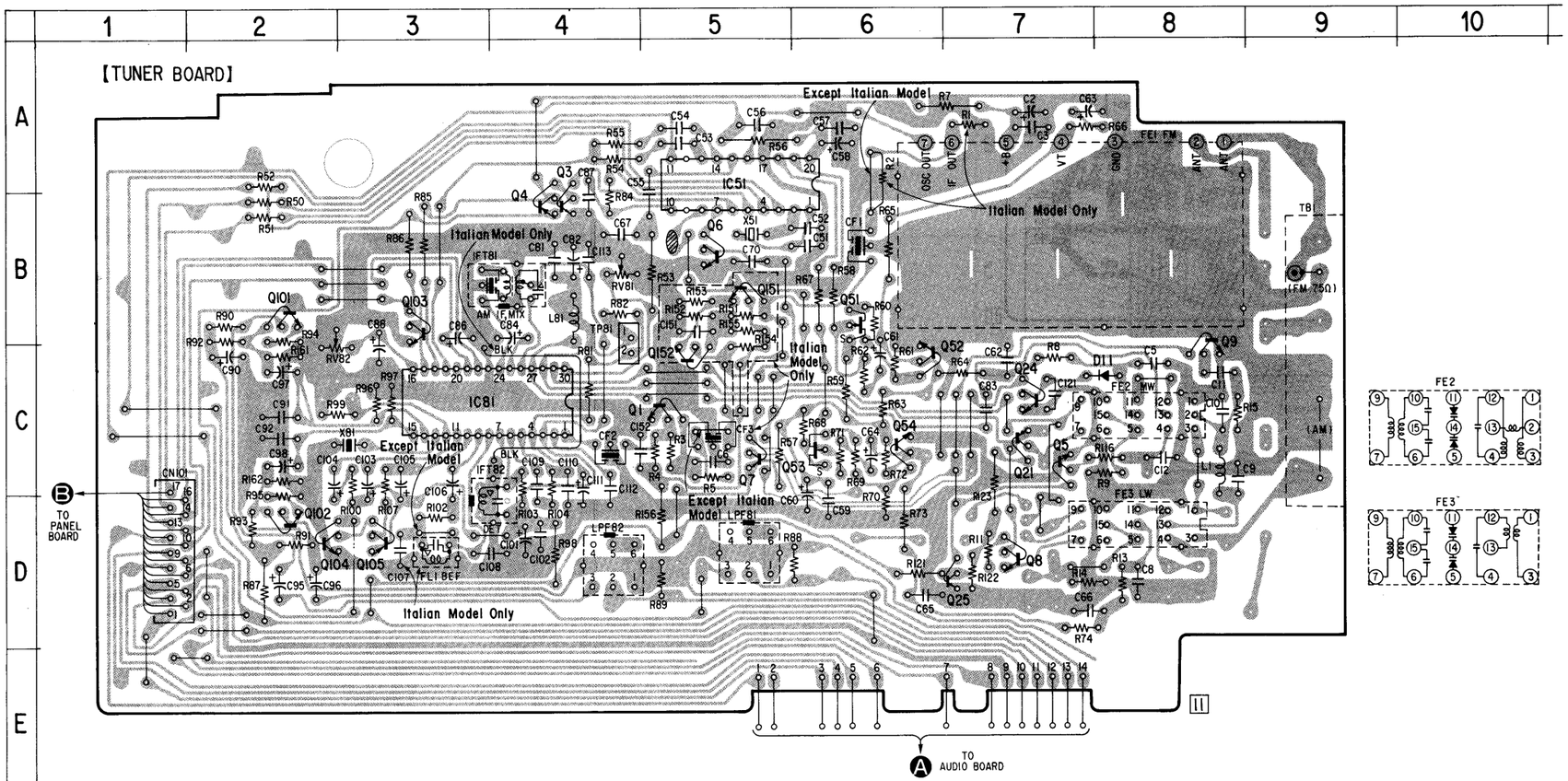
- **Semiconductor Location**

AEP, UK, Italian

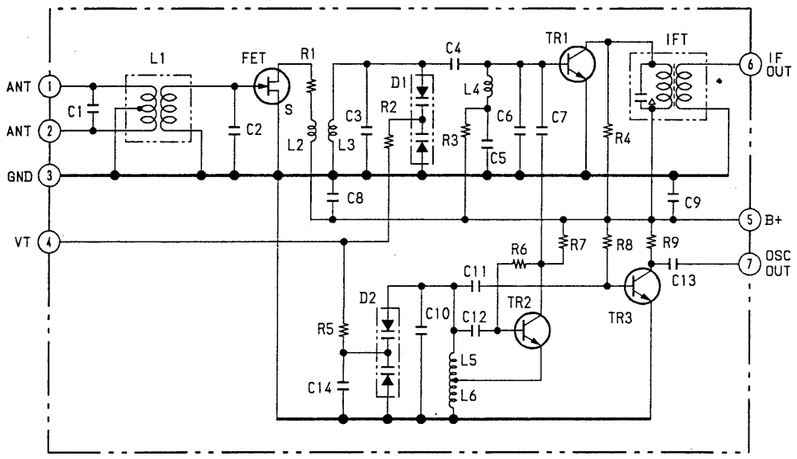
Ref. No.	Location
D11	C-8
IC51	A-5
IC81	C-3
Q1	C-4
Q3	A-4
Q4	B-4
Q5	C-7
Q6	B-5
Q7	C-5
Q8	D-7
Q9	C-8
Q21	C-7
Q24	C-7
Q25	D-7
Q51	B-6
Q52	C-7
Q53	C-6
Q54	C-6
Q101	B-2
Q102	D-2
Q103	B-3
Q104	D-2
Q105	D-3
Q151	B-5
Q152	C-5

Note:

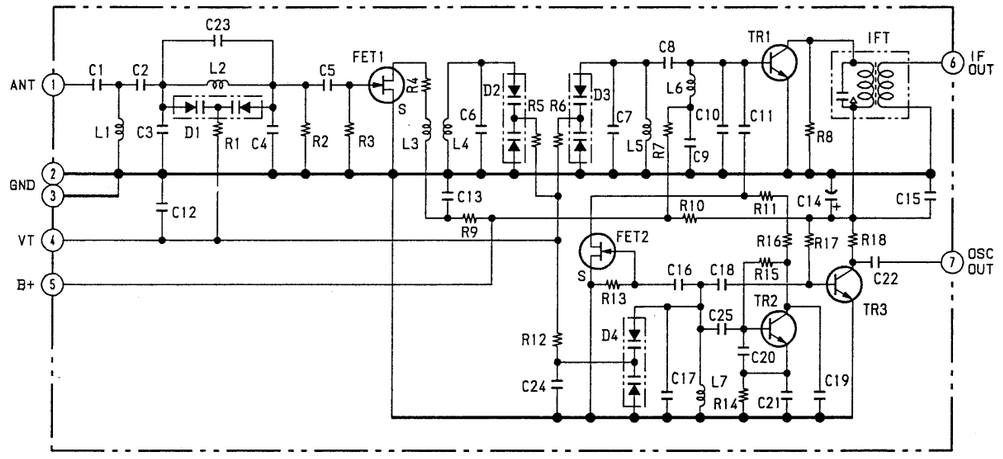
- ○—— : parts extracted from the component side.
- —— : parts extracted from the conductor side.
- ⊡← : indicates side identified with part number.



- **FE1 FRONT-END (AEP, UK model)**

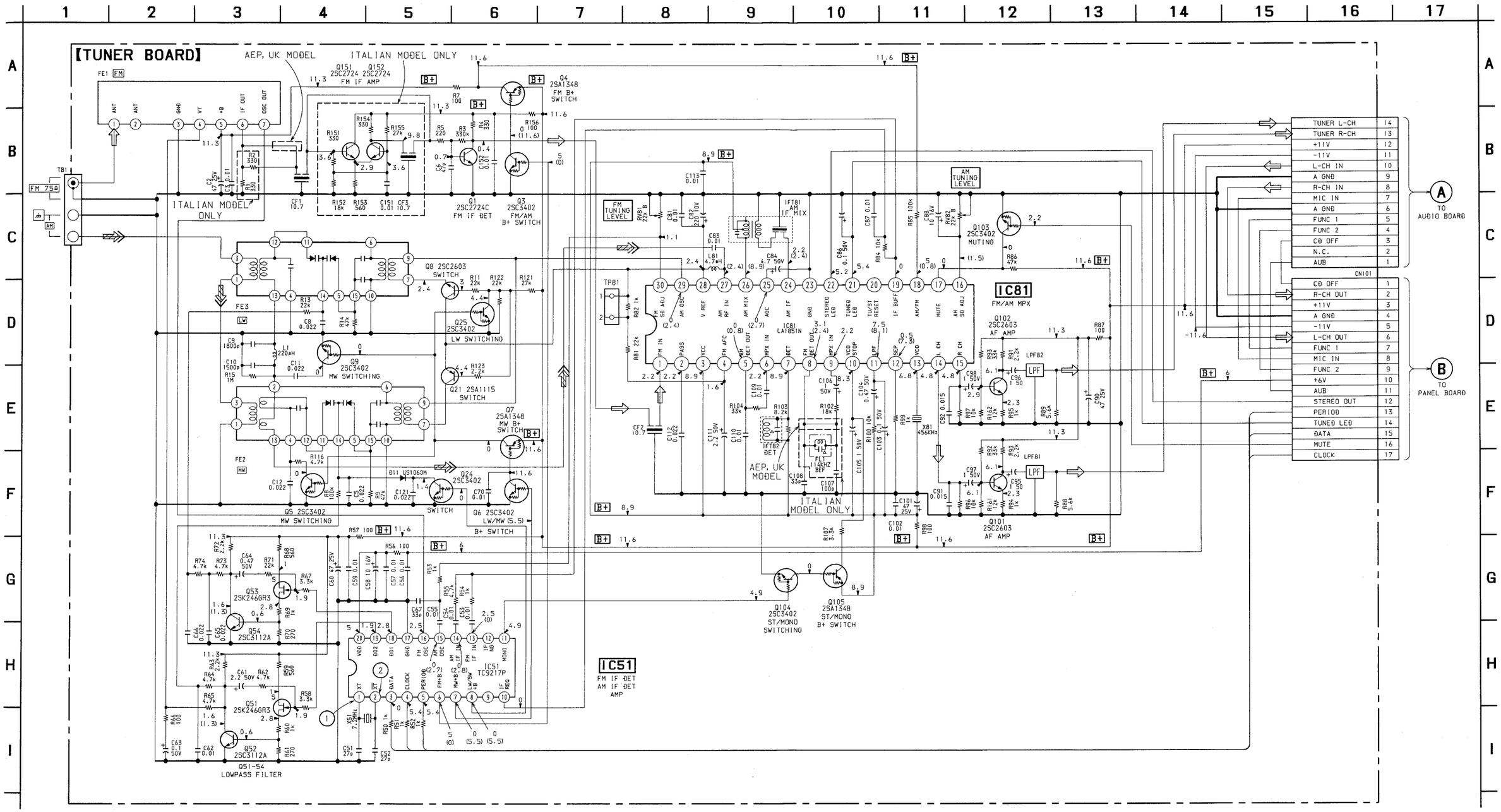


(Itarian model)



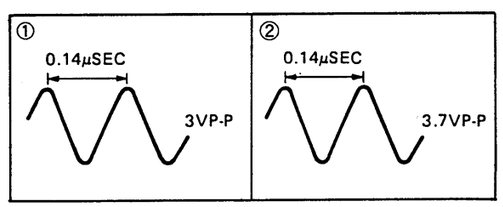
AEP, UK, Italian model

3-4. TUNER SCHEMATIC DIAGRAM



Note:

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼ W or less unless otherwise specified.
- △ : internal component.
- ▭ : adjustment for repair.
- Circled numbers refer to wavefroms.
- B+ : B + Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
  ( ) : AM
- Voltages are taken with a VOM (Input impedance 10 MΩ).
  Voltage variations may be noted due to normal production tolerances.
- Wavefroms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : FM
  ⇛ : AM



3-5. SEMICONDUCTOR LEAD LAYOUTS

M5F7806

M5218AL
M5236L

STK4132MK2
STK4142MK2

DTA114ES
DTA114TS
DTC114ES
2SC2603-EF
2SC2724-CD

2SA1175-HFE

2SB1187-EF

2SC3112-A
2SC3623A-L
2SD1387

2SD1761-EF

2SK246-GR3

KV-1560NT

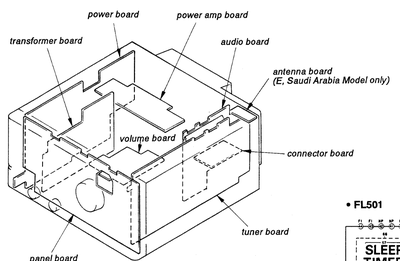
RBA-402

SEL1210W

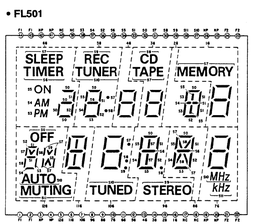
UZP-6.8BC

HZS30-2L
1SS120
11ES2

3-6. CIRCUIT BOARDS LOCATION



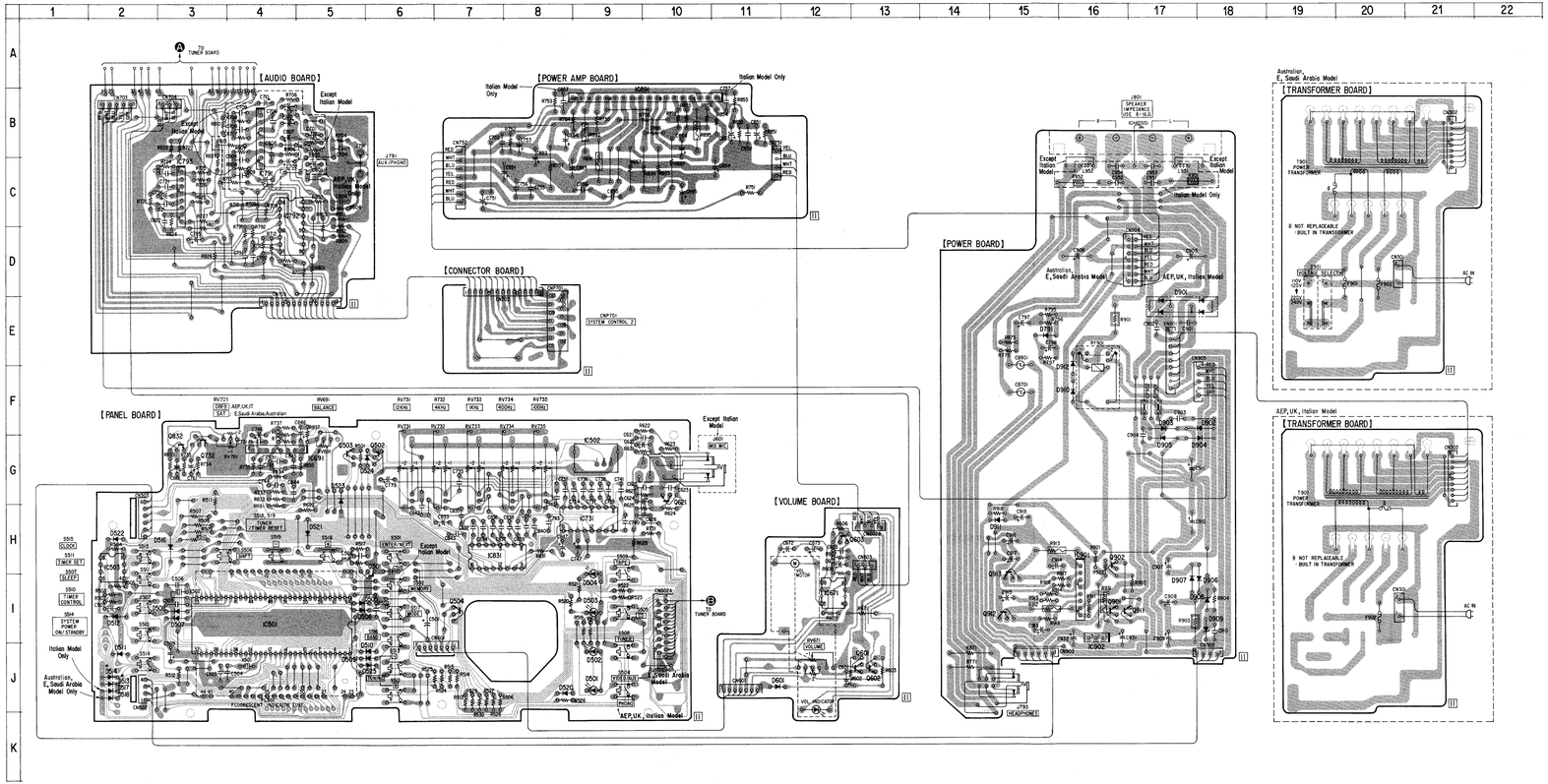
• FL501



3-7. MAIN SECTION PRINTED WIRING BOARDS

• Semiconductor Location

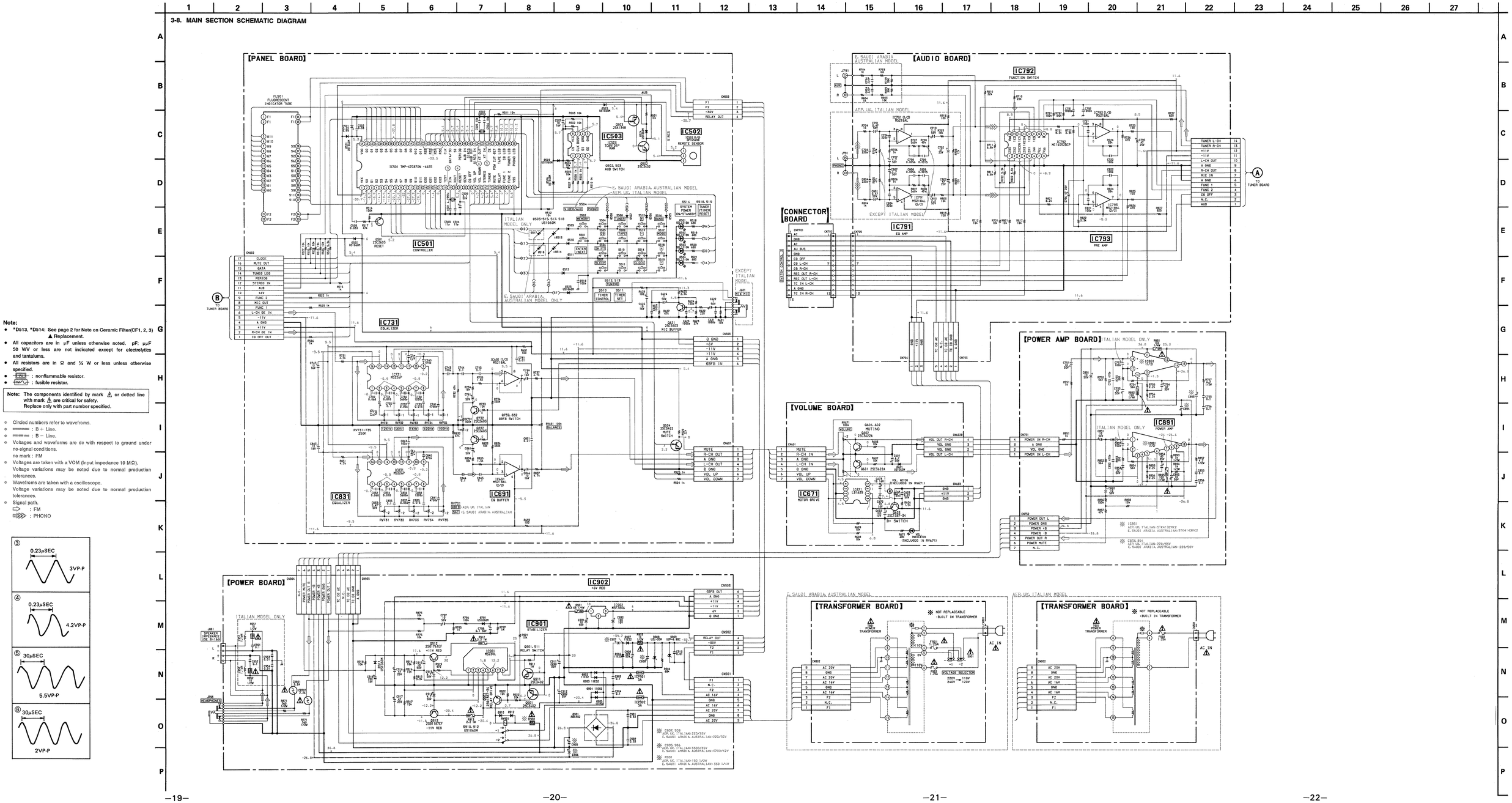
Ref. No.	Location
D501	J-9
D502	J-9
D503	I-9
D504	I-9
D505	I-6
D506	I-5
D507	I-3
D508	I-2
D509	J-5
D510	J-5
D511	J-2
D512	I-2
D513	J-2
D514	J-2
D516	H-3
D517	J-2
D518	J-2
D520	J-8
D521	H-5
D522	H-2
D523	G-5
D524	G-5
D525	J-5
D601	J-11
D602	J-12
D791	E-15
D901	D-17
D902	F-18
D903	F-17
D904	G-17
D905	G-17
D906	I-18
D907	I-17
D908	I-17
D909	I-18
D910	F-16
D911	H-15
D912	F-16
IC501	I-4
IC502	G-9
IC503	H-2
IC671	I-12
IC691	G-5
IC731	H-9
IC791	C-4
IC792	C-4
IC793	C-3
IC831	H-7
IC891	B-9
IC901	H-16
IC902	J-16
Q501	H-6
Q502	G-6
Q503	G-5
Q504	I-7
Q601	J-13
Q602	J-13
Q603	H-13
Q621	C-10
Q732	G-3
Q832	G-3
Q901	I-16
Q902	H-16
Q911	I-17
Q912	I-14
Q913	I-15


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
A B C D E F G H I J K
[AUDIO BOARD]
[POWER AMP BOARD]
[CONNECTOR BOARD]
[PANEL BOARD]
[VOLUME BOARD]
[POWER BOARD]
[TRANSFORMER BOARD]
Except Italian Model
Italian Model Only
Australian, E, Saudi Arabia Model
AEP,UK, Italian Model
TUNER BOARD
PHONES

Note:

- *DS13, *DS14: See page 2 for Note on Ceramic Filter (CF1, 2, 3)
  ▲ Replacement.
- ○—— : parts extracted from the component side.

3-8. MAIN SECTION SCHEMATIC DIAGRAM



Note:

- *D513, *D514: See page 2 for Note on Ceramic Filter(CF1, 2, 3)
- ▲ Replacement.
- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼ W or less unless otherwise specified.
- : nonflammable resistor.
- : fusible resistor.

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

- Circled numbers refer to waveforms.
- : B + Line.
- : B − Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  no mark : FM
- Voltages are taken with a VOM (Input impedance 10 MΩ).
  Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Signal path.
  : FM
  : PHONO

③ 0.23μSEC 3VP-P

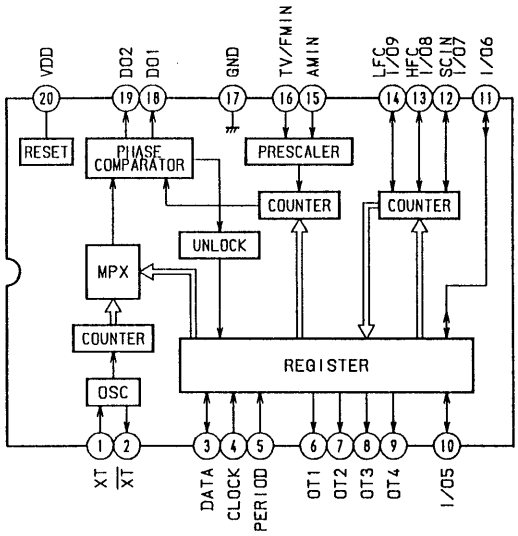
④ 0.23μSEC 4.2VP-P

⑤ 30μSEC 5.5VP-P

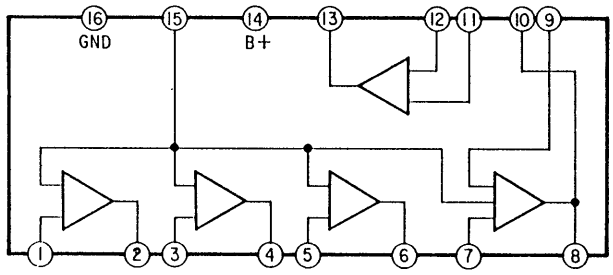
⑥ 30μSEC 2VP-P

3-9. IC BLOCK DIAGRAM

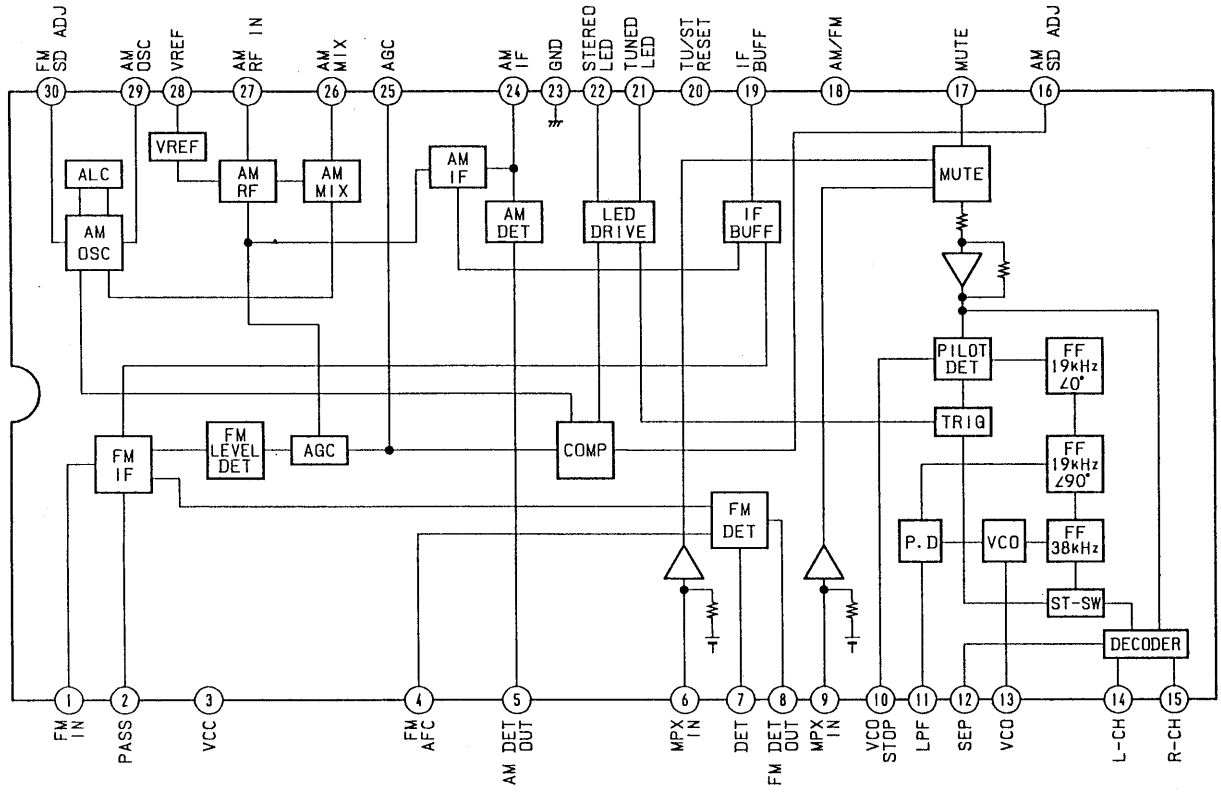
IC51 TC9217P



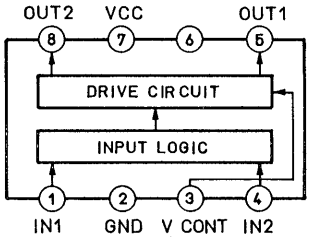
IC731, 831 M5226P



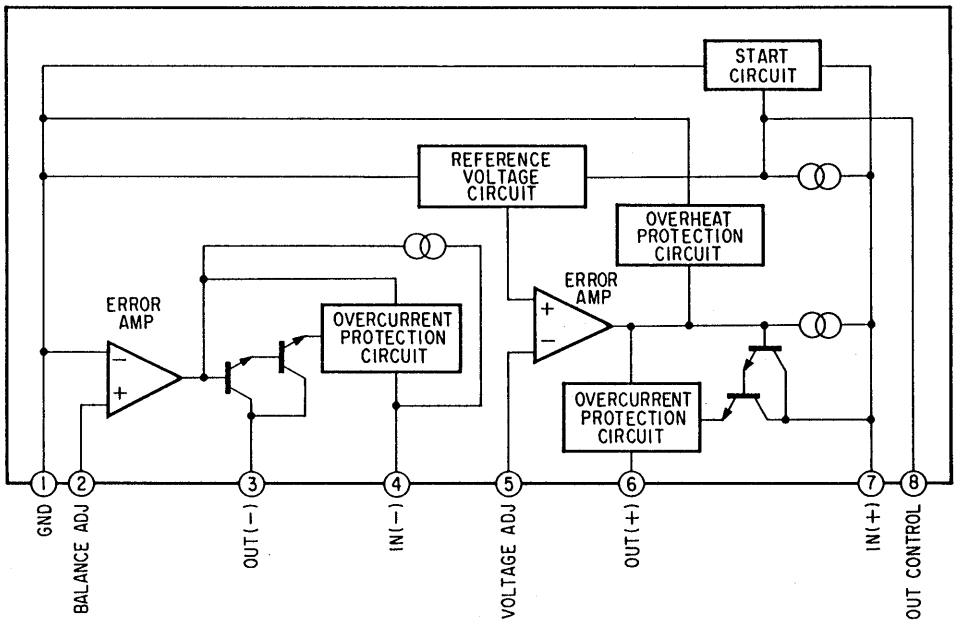
IC81 LA1851N



IC671 LB1639



IC901 M5230M



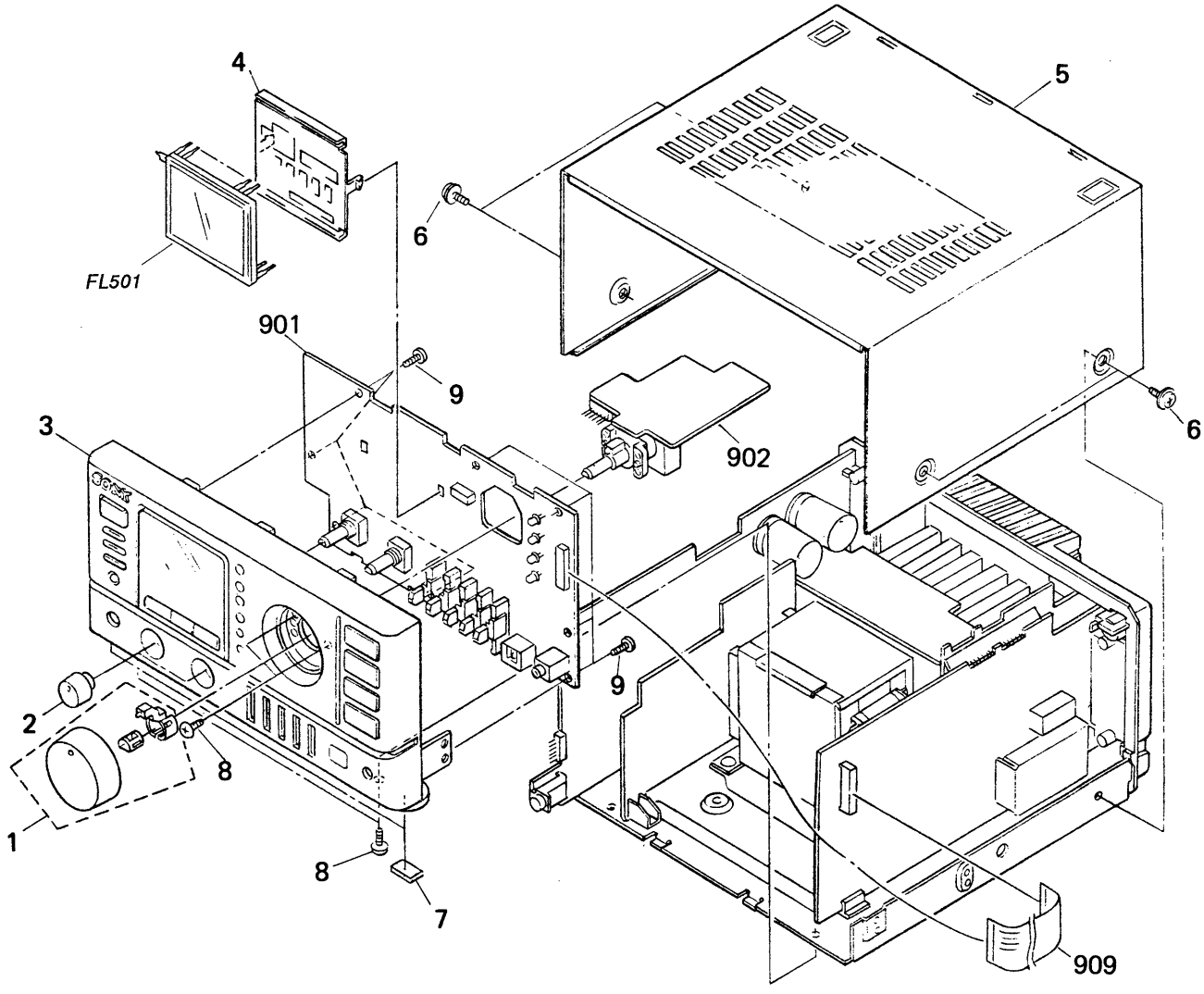
SECTION 4
EXPLODED VIEWS

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.
- Color Indication of Appearance Parts Example:
  (RED) . . . KNOB, BALANCE (WHITE)
  ↑ ↑
  Cabinet's Color Parts Color

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

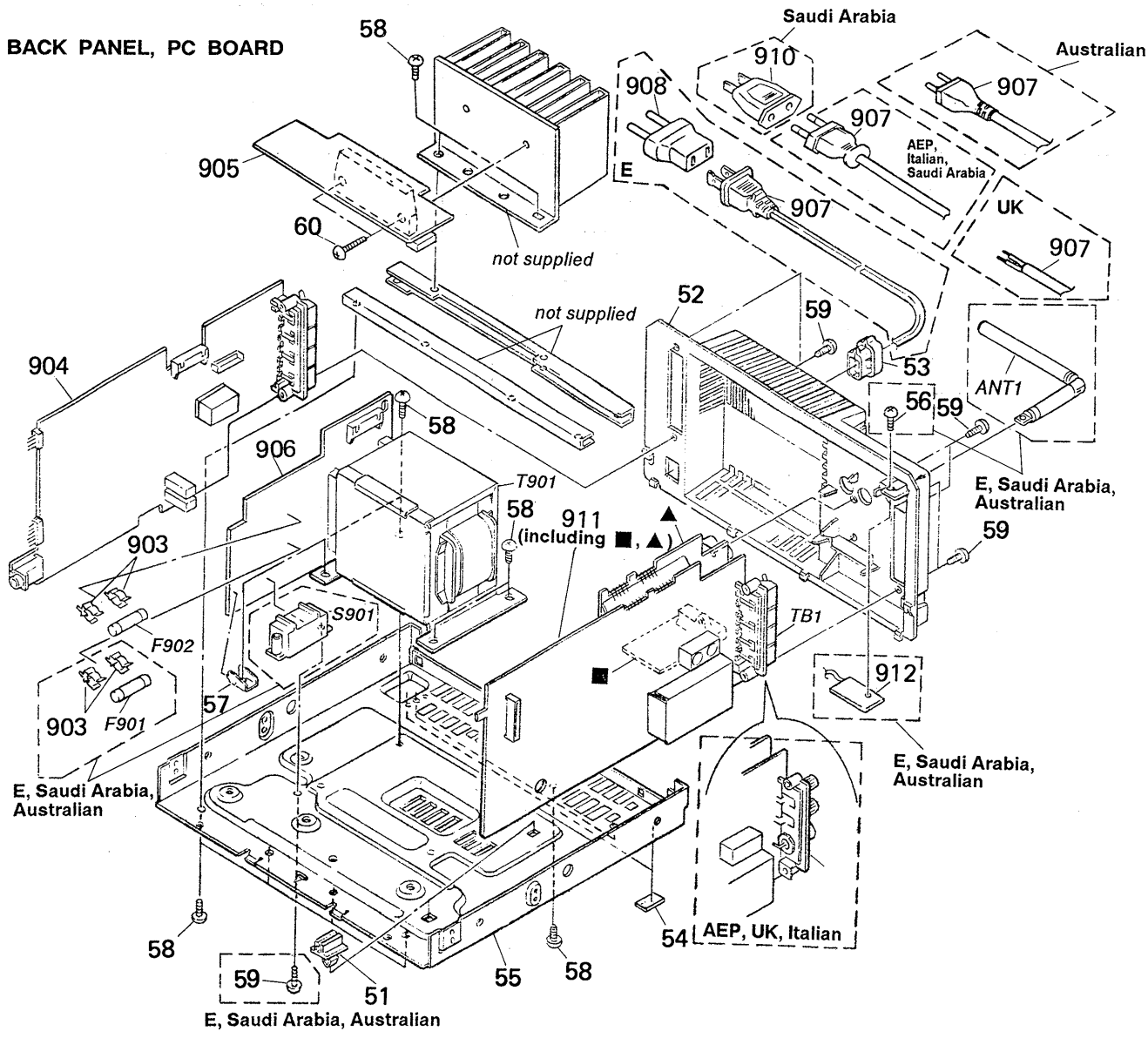
4-1. CASE, FRONT PANEL



No.	Part No.	Description	Remarks
1	X-4936-803-1	KNOB (VOLUME) ASSY	
2	4-930-323-01	KNOB	
3	X-4937-701-1	(AEP,UK,Italian)...PANEL ASSY, FRONT	
	X-4937-702-1	(E,Saudi Arabia,Australian) ...PANEL ASSY, FRONT	
4	4-937-723-01	HOLDER (FL)	
5	4-932-841-01	(AEP,UK,Italian)...CASE	
	4-932-841-11	(E,Saudi Arabia,Australian)...CASE	
6	3-704-366-01	SCREW (CASE) (M3X8)	
7	4-930-336-01	FOOT (FELT)	
8	7-682-547-04	SCREW +BVTT 3X6 (S)	
9	7-685-534-19	SCREW +BTP 2.6X8 TYPE2 N-S	

No.	Part No.	Description	Remarks
901	*A-4334-433-A	(AEP,UK).....MOUNTED PCB, PANEL	
	*A-4334-445-A	(Italian).....MOUNTED PCB, PANEL	
	*A-4334-451-A	(E,Saudi Arabia,Australian) ...MOUNTED PCB, PANEL	
902	*1-634-752-11	PC BOARD, VOL	
909	1-575-733-11	WIRE, FLAT TYPE (17 CORE)	
FL501	1-519-573-11	INDICATOR TUBE, FLUORESCENT	

4-2. BACK PANEL, PC BOARD



No.	Part No.	Description	Remarks
51	*3-642-310-00	HOLDER, CIRCUIT BOARD	
52	*4-937-724-01	(AEP,UK,Italian)...PANEL, BACK	
	*4-937-724-11	(E,Saudi Arabia,Australian) ...PANEL, BACK	
53	*3-703-244-00	(EXCEPT E)...BUSHING (2104), CORD	
	*3-703-571-00	(E).....BUSHING (S)(4516), CORD	
54	4-930-336-01	FOOT (FELT)	
55	*4-932-854-11	(AEP,UK,Italian).....CHASSIS	
	*4-932-854-21	(E,Saudi Arabia,Australian)...CHASSIS	
56	7-682-549-09	(E,Saudi Arabia,Australian) ...SCREW +B 3X10	
57	*4-932-825-01	BRACKET (MT)	
58	7-682-547-04	SCREW +BVTT 3X6 (S)	
59	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
60	7-685-650-79	SCREW +BVTP 3X16 TYPE2 IT-3	
903	1-533-213-31	HOLDER, FUSE	
904	*A-4334-437-A	(AEP,UK)....MOUNTED PCB, POWER SUPPLY	
	*A-4334-443-A	(Italian)...MOUNTED PCB, POWER SUPPLY	
	*A-4334-455-A	(E,Saudi Arabia,Australian) ...MOUNTED PCB, POWER SUPPLY	
905	*A-4334-436-A	(AEP,UK).....MOUNTED PCB, POWER	
	*A-4334-442-A	(Italian)....MOUNTED PCB, POWER	
	*A-4334-454-A	(E,Saudi Arabia,Australian) ...MOUNTED PCB, POWER	
906	*1-634-748-11	PC BOARD, TRANSFORMER	
907	⚠1-574-804-11	(UK).....CORD, POWER	
	⚠1-574-805-11	(AEP,Italian,Saudi Arabia)...CORD, POWER	
	⚠1-574-902-11	(E).....CORD, POWER	
	⚠1-575-677-11	(Australian).....CORD, POWER	

No.	Part No.	Description	Remarks
908	⚠1-526-565-00	(E)...AC PLUG ADAPTOR	
910	⚠1-506-409-11	(Saudi Arabia)...ADAPTOR, CONVERSION	
911	*A-4334-434-A	(AEP,UK).....MOUNTED PCB, TUNER AUDIO	
	*A-4334-440-A	(Italian)....MOUNTED PCB, TUNER AUDIO	
	*A-4334-452-A	(E,Saudi Arabia,Australian) ...MOUNTED PCB, TUNER AUDIO	
912	*1-634-753-11	(E,Saudi Arabia,Australian) ...PC BOARD, ANT	
ANT1	1-501-420-11	(E,Saudi Arabia,Australian) ...ANTENNA TELESCPIC	
F901	⚠1-532-285-00	(E,Saudi Arabia,Australian) ..FUSE, TIME-LAG (T1.25A)	
F902	⚠1-532-285-00	FUSE, TIME-LAG (T1.25A)	
S901	⚠1-571-309-11	(E,Saudi Arabia,Australian) ...SWITCH 2-2-2 (VOLTAGE SELECTOR)	
T901	⚠1-450-071-11	(E,Saudi Arabia,Australian) ...TRANSFORMER, POWER	
T901	⚠1-450-072-11	(AEP,Italian)...TRANSFORMER, POWER	
T901	⚠1-450-073-11	(UK).....TRANSFORMER, POWER	
TB1	*1-537-138-31	(AEP,UK,Italian) ...TERMINAL BOARD (ANTENNA)	
TB1	*1-537-238-21	(E,Saudi Arabia,Australian) ...TERMINAL BOARD (ANTENNA)	

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

SECTION 5
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF: μF, PF: μμF.

RESISTORS
- All resistors are in ohms.
- F: nonflammable

COILS
- MMH: mH, UH: μH

SEMICONDUCTORS
In each case, U: μ, for example:
UA...: μA..., UPA...: μPA...,
UPC...: μPC, UPD...: μPD...

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Ref.No.	Part No.	Description
901	*A-4334-433-A	(AEP,UK).....MOUNTED PCB, PANEL
	*A-4334-445-A	(Italian).....MOUNTED PCB, PANEL
	*A-4334-451-A	(E,Saudi Arabia,Australian) ...MOUNTED PCB, PANEL
902	*1-634-752-11	PC BOARD, VOL
903	1-533-213-31	HOLDER, FUSE
904	*A-4334-437-A	(AEP,UK)....MOUNTED PCB, POWER SUPPLY
	*A-4334-443-A	(Italian)...MOUNTED PCB, POWER SUPPLY
	*A-4334-455-A	(E,Saudi Arabia,Australian) ...MOUNTED PCB, POWER SUPPLY
905	*A-4334-436-A	(AEP,UK)....MOUNTED PCB, POWER
	*A-4334-442-A	(Italian)...MOUNTED PCB, POWER
	*A-4334-454-A	(E,Saudi Arabia,Australian) ...MOUNTED PCB, POWER
906	*1-634-748-11	PC BOARD, TRANSFORMER
907	⚠1-574-804-11	(UK).....CORD, POWER
	⚠1-574-805-11	(AEP,Italian,Saudi Arabia)..CORD, POWER
	⚠1-574-902-11	(E).....CORD, POWER
	⚠1-575-677-11	(Australian).....CORD, POWER
908	⚠1-526-565-00	(E)...AC PLUG ADAPTOR
909	1-575-733-11	WIRE, FLAT TYPE (17 CORE)
910	⚠1-506-409-11	(Saudi Arabia)...ADAPTOR, CONVERSION
911	*A-4334-434-A	(AEP,UK)....MOUNTED PCB, TUNER AUDIO
	*A-4334-440-A	(Italian)...MOUNTED PCB, TUNER AUDIO
	*A-4334-452-A	(E,Saudi Arabia,Australian) ...MOUNTED PCB, TUNER AUDIO
912	*1-634-753-11	(E,Saudi Arabia,Australian) ...PC BOARD, ANT
ANT1	1-501-420-11	(E,Saudi Arabia,Australian) ...ANTENNA TELESCOPIC
C2	1-124-477-11	ELECT 47MF 20% 25V
C3	1-161-379-00	CERAMIC 0.01MF 30% 16V
C5	1-101-005-00	CERAMIC 0.022MF 50V
C6	1-162-215-31	CERAMIC 47PF 5% 50V
C8	1-101-005-00	CERAMIC 0.022MF 50V
C9	1-102-120-00	(AEP,UK,Italian)... ...CERAMIC 0.0018MF 10% 50V
C10	1-161-374-11	(AEP,UK,Italian)... ...CERAMIC 0.0015MF 20% 16V
C11	1-101-005-00	CERAMIC 0.022MF 50V
C12	1-101-005-00	CERAMIC 0.022MF 50V
C51	1-164-056-11	CERAMIC 27PF 5% 50V
C52	1-164-056-11	CERAMIC 27PF 5% 50V
C53	1-161-379-00	CERAMIC 0.01MF 30% 16V
C54	1-161-379-00	CERAMIC 0.01MF 30% 16V
C55	1-161-379-00	CERAMIC 0.01MF 30% 16V
C56	1-161-379-00	CERAMIC 0.01MF 30% 16V
C57	1-161-379-00	CERAMIC 0.01MF 30% 16V
C58	1-126-157-11	ELECT 10MF 20% 16V
C59	1-161-379-00	CERAMIC 0.01MF 30% 16V
C60	1-124-477-11	ELECT 47MF 20% 25V
C61	1-124-925-11	ELECT 2.2MF 20% 50V
C62	1-136-153-00	FILM 0.01MF 5% 50V
C63	1-124-463-00	ELECT 0.1MF 20% 50V
C64	1-124-465-00	(AEP,UK,Italian) ...ELECT 0.47MF 20% 50V
C65	1-136-157-00	FILM 0.022MF 5% 50V
C66	1-136-157-00	FILM 0.022MF 5% 50V
C67	1-162-211-31	(AEP,UK,Italian) ...CERAMIC 33PF 5% 50V
C70	1-161-378-00	CERAMIC 0.01MF 30% 16V
C81	1-161-379-00	CERAMIC 0.01MF 30% 16V
C82	1-126-176-11	ELECT 220MF 20% 10V
C83	1-161-379-00	CERAMIC 0.01MF 30% 16V
C84	1-124-927-11	ELECT 4.7MF 20% 50V
C86	1-124-463-00	ELECT 0.1MF 20% 50V
C87	1-161-379-00	CERAMIC 0.01MF 30% 16V
C88	1-126-157-11	ELECT 10MF 20% 16V
C90	1-124-477-11	ELECT 47MF 20% 25V
C91	1-136-155-00	FILM 0.015MF 5% 50V
C92	1-136-155-00	FILM 0.015MF 5% 50V
C95	1-124-438-00	ELECT 1MF 20% 50V
C96	1-124-438-00	ELECT 1MF 20% 50V
C97	1-124-438-00	ELECT 1MF 20% 50V
C98	1-124-438-00	ELECT 1MF 20% 50V
C101	1-124-477-11	ELECT 47MF 20% 25V
C102	1-161-379-00	CERAMIC 0.01MF 30% 16V
C103	1-124-463-00	ELECT 0.1MF 20% 50V
C104	1-124-465-00	ELECT 0.47MF 20% 50V
C105	1-124-438-00	ELECT 1MF 20% 50V
C106	1-124-438-00	ELECT 1MF 20% 50V
C107	1-162-282-11	(Italian)...CERAMIC 100PF 10% 50V
C108	1-162-211-31	(EXCEPT Italian) ...CERAMIC 33PF 5% 50V
C108	1-162-282-11	(Italian)...CERAMIC 100PF 10% 50V
C109	1-136-153-00	FILM 0.01MF 5% 50V
C110	1-161-379-00	CERAMIC 0.01MF 30% 16V
C111	1-124-925-11	ELECT 2.2MF 20% 50V
C112	1-101-005-00	CERAMIC 0.022MF 50V
C113	1-161-379-00	CERAMIC 0.01MF 30% 16V
C121	1-101-005-00	(AEP,UK,Italian) ...CERAMIC 0.022MF 50V

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Ref.No.	Part No.	Description			
C132	1-162-201-31	(E,Saudi Arabia,Australian) ...CERAMIC	12PF	5%	50V
C133	1-136-162-00	(E,Saudi Arabia,Australian) ...FILM	0.056MF	5%	50V
C134	1-101-005-00	(E,Saudi Arabia,Australian) ...CERAMIC	0.022MF		50V
C152	1-161-379-00	CERAMIC	0.01MF	30%	16V
C501	1-125-486-11	DOUBLE LAYERS	0.22F		5.5V
C502	1-136-171-00	FILM	0.33MF	5%	50V
C503	1-162-200-31	CERAMIC	11PF	5%	50V
C504	1-162-200-31	CERAMIC	11PF	5%	50V
C505	1-162-199-31	CERAMIC	10PF	5%	50V
C506	1-162-199-31	CERAMIC	10PF	5%	50V
C507	1-126-157-11	ELECT	10MF	20%	16V
C508	1-136-159-00	FILM	0.033MF	5%	50V
C509	1-124-463-00	ELECT	0.1MF	20%	50V
C510	1-162-282-31	CERAMIC	100PF	10%	50V
C601	1-124-927-11	ELECT	4.7MF	20%	50V
C602	1-124-443-00	ELECT	100MF	20%	10V
C603	1-161-379-00	CERAMIC	0.01MF	30%	16V
C621	1-162-294-31	CERAMIC	0.001MF	10%	50V
C622	1-124-438-00	ELECT	1MF	20%	50V
C623	1-162-294-31	CERAMIC	0.001MF	10%	50V
C624	1-124-438-00	ELECT	1MF	20%	50V
C625	1-162-294-31	CERAMIC	0.001MF	10%	50V
C626	1-126-157-11	ELECT	10MF	20%	16V
C672	1-126-157-11	ELECT	10MF	20%	16V
C673	1-126-157-11	ELECT	10MF	20%	16V
C701	1-124-465-00	(AEP,UK,Italian) ...ELECT	0.47MF	20%	50V
C702	1-124-477-11	(AEP,UK,Italian) ...ELECT	47MF	20%	25V
C704	1-162-286-31	CERAMIC	220PF	10%	50V
C706	1-162-286-31	(AEP,UK,Italian) ...CERAMIC	220PF	10%	50V
C707	1-124-927-11	(AEP,UK,Italian) ...ELECT	4.7MF	20%	50V
C708	1-130-480-00	(AEP,UK,Italian) ...MYLAR	0.0056MF	5%	50V
C709	1-130-473-00	(AEP,UK,Italian) ...MYLAR	0.0015MF	5%	50V
C710	1-124-925-11	(AEP,UK,Italian) ...ELECT	2.2MF	20%	50V
C721	1-162-282-31	CERAMIC	100PF	10%	50V
C722	1-162-282-31	CERAMIC	100PF	10%	50V
C731	1-161-379-00	CERAMIC	0.01MF	30%	16V
C732	1-136-163-00	FILM	0.068MF	5%	50V
C733	1-124-465-00	ELECT	0.47MF	20%	50V
C734	1-136-156-00	FILM	0.018MF	5%	50V
C735	1-164-159-11	CERAMIC	0.1MF		50V
C736	1-130-480-00	MYLAR	0.0056MF	5%	50V
C737	1-136-162-00	FILM	0.056MF	5%	50V
C738	1-130-472-00	MYLAR	0.0012MF	5%	50V
C739	1-136-155-00	FILM	0.015MF	5%	50V
C740	1-162-290-31	CERAMIC	470PF	10%	50V
C741	1-161-377-00	CERAMIC	0.0047MF	30%	16V
C742	1-162-215-31	CERAMIC	47PF	5%	50V
C743	1-162-282-31	CERAMIC	100PF	10%	50V

Ref.No.	Part No.	Description			
C744	1-136-165-00	FILM	0.1MF	5%	50V
C745	1-136-165-00	FILM	0.1MF	5%	50V
C746	1-126-157-11	ELECT	10MF	20%	16V
C747	1-126-157-11	ELECT	10MF	20%	16V
C751	1-123-875-11	ELECT	10MF	20%	50V
C752	1-162-290-31	CERAMIC	470PF	10%	50V
C753	1-126-233-11	ELECT	22MF	20%	50V
C754	1-124-910-11	ELECT	47MF	20%	35V
C755	1-136-165-00	FILM	0.1MF	5%	50V
C756	1-136-165-00	FILM	0.1MF	5%	50V
C757	1-162-282-11	(Italian)...CERAMIC	100PF	10%	50V
C761	1-124-438-00	ELECT	1MF	20%	50V
C791	1-162-294-31	CERAMIC	0.001MF	10%	50V
C792	1-162-294-31	CERAMIC	0.001MF	10%	50V
C795	1-124-477-11	ELECT	47MF	20%	25V
C796	1-124-477-11	ELECT	47MF	20%	25V
C797	1-123-875-11	ELECT	10MF	20%	50V
C798	1-124-463-00	ELECT	0.1MF	20%	50V
C801	1-124-465-00	(AEP,UK,Italian) ...ELECT	0.47MF	20%	50V
C802	1-124-477-11	(AEP,UK,Italian) ...ELECT	47MF	20%	25V
C804	1-162-286-31	CERAMIC	220PF	10%	50V
C806	1-162-286-31	(AEP,UK,Italian) ...CERAMIC	220PF	10%	50V
C807	1-124-927-11	(AEP,UK,Italian) ...ELECT	4.7MF	20%	50V
C808	1-130-480-00	(AEP,UK,Italian) ...MYLAR	0.0056MF	5%	50V
C809	1-130-473-00	(AEP,UK,Italian) ...MYLAR	0.0015MF	5%	50V
C810	1-124-925-11	(AEP,UK,Italian) ...ELECT	2.2MF	20%	50V
C821	1-162-282-31	CERAMIC	100PF	10%	50V
C822	1-162-282-31	CERAMIC	100PF	10%	50V
C831	1-161-379-00	CERAMIC	0.01MF	30%	16V
C832	1-136-163-00	FILM	0.068MF	5%	50V
C833	1-124-465-00	ELECT	0.47MF	20%	50V
C834	1-136-156-00	FILM	0.018MF	5%	50V
C835	1-164-159-11	CERAMIC	0.1MF		50V
C836	1-130-480-00	MYLAR	0.0056MF	5%	50V
C837	1-136-162-00	FILM	0.056MF	5%	50V
C838	1-130-472-00	MYLAR	0.0012MF	5%	50V
C839	1-136-155-00	FILM	0.015MF	5%	50V
C840	1-162-290-31	CERAMIC	470PF	10%	50V
C841	1-161-377-00	CERAMIC	0.0047MF	30%	16V
C842	1-162-215-31	CERAMIC	47PF	5%	50V
C843	1-162-282-31	CERAMIC	100PF	10%	50V
C844	1-136-165-00	FILM	0.1MF	5%	50V
C845	1-136-165-00	FILM	0.1MF	5%	50V
C846	1-126-157-11	ELECT	10MF	20%	16V
C847	1-126-157-11	ELECT	10MF	20%	16V
C851	1-123-875-11	ELECT	10MF	20%	50V
C852	1-162-290-31	CERAMIC	470PF	10%	50V
C853	1-126-233-11	ELECT	22MF	20%	50V
C854	1-124-910-11	ELECT	47MF	20%	35V
C855	1-136-165-00	FILM	0.1MF	5%	50V

Ref.No.	Part No.	Description
C856	1-136-165-00	FILM 0.1MF 5% 50V
C857	1-162-282-11	(Italian)...CERAMIC 100PF 10% 50V
C861	1-124-438-00	ELECT 1MF 20% 50V
C891	1-123-875-11	ELECT 10MF 20% 50V
C892	1-123-875-11	ELECT 10MF 20% 50V
C893	1-124-484-11	(AEP,UK,Italian) ...ELECT 220MF 20% 35V
C893	1-124-911-11	(E,Saudi Arabia,Australian) ...ELECT 220MF 20% 50V
C894	1-124-911-11	(E,Saudi Arabia,Australian) ...ELECT 220MF 20% 50V
C894	1-124-484-11	(AEP,UK,Italian) ...ELECT 220MF 20% 35V
C895	1-123-875-11	ELECT 10MF 20% 50V
C901	1-136-171-00	FILM 0.33MF 5% 50V
C902	1-136-171-00	FILM 0.33MF 5% 50V
C903	1-136-165-00	FILM 0.1MF 5% 50V
C904	1-136-165-00	FILM 0.1MF 5% 50V
C905	1-124-026-00	(AEP,UK,Italian) ...ELECT 3300MF 20% 35V
C905	1-126-224-11	(E,Saudi Arabia,Australian) ...ELECT 4700MF 20% 42V
C906	1-126-224-11	(E,Saudi Arabia,Australian) ...ELECT 4700MF 20% 42V
C906	1-124-026-00	(AEP,UK,Italian) ...ELECT 3300MF 20% 35V
C907	1-124-484-11	(AEP,UK,Italian) ...ELECT 220MF 20% 35V
C907	1-124-911-11	(E,Saudi Arabia,Australian) ...ELECT 220MF 20% 50V
C908	1-124-911-11	ELECT 220MF 20% 50V
C909	1-124-484-11	(AEP,UK,Italian) ...ELECT 220MF 20% 35V
C909	1-124-911-11	(E,Saudi Arabia,Australian) ...ELECT 220MF 20% 50V
C910	1-161-379-00	CERAMIC 0.01MF 30% 16V
C911	1-124-618-11	ELECT 2200MF 20% 35V
C912	1-124-618-11	ELECT 2200MF 20% 35V
C913	1-124-927-11	ELECT 4.7MF 20% 50V
C914	1-124-927-11	ELECT 4.7MF 20% 50V
C915	1-123-875-11	ELECT 10MF 20% 50V
C916	1-124-477-11	ELECT 47MF 20% 25V
C917	1-124-477-11	ELECT 47MF 20% 25V
C918	1-124-120-11	ELECT 220MF 20% 16V
C931	1-123-875-11	ELECT 10MF 20% 50V
C932	1-124-443-00	ELECT 100MF 20% 10V
C951	1-136-165-00	(Italian)...FILM 0.1MF 5% 50V
C952	1-136-165-00	(Italian)...FILM 0.1MF 5% 50V
C953	1-164-096-11	(Italian)...CERAMIC 0.01MF 50V
C954	1-164-096-11	(Italian)...CERAMIC 0.01MF 50V
CB701⚠	1-532-564-00	BREAKER, CIRCUIT (2.2A)
CB801⚠	1-532-564-00	BREAKER, CIRCUIT (2.2A)
CF1	1-567-389-11	FILTER, CERAMIC
CF2	1-567-389-11	FILTER, CERAMIC
CF3	1-567-389-11	(Italian)...FILTER, CERAMIC
CNJ601*	1-566-972-11	PIN, CONNECTOR (PC BOARD) 7P
CNJ902	1-560-941-00	PIN, CONNECTOR 4P
CNJ903	1-560-942-00	PIN, CONNECTOR 6P
CNJ904*	1-565-956-11	SOCKET, CONNECTOR 7P

Ref.No.	Part No.	Description
CNP101*	1-568-836-11	SOCKET, CONNECTOR 17P
CNP301*	1-564-321-00	PIN, CONNECTOR 2P
CNP302*	1-564-524-11	PLUG, CONNECTOR 9P
CNP502	1-562-087-00	SOCKET, CONNECTOR 4P
CNP503	1-561-115-00	SOCKET, CONNECTOR 6P
CNP601*	1-566-969-11	HOUSING, CONNECTOR(PC BOARD)7P
CNP602A	1-568-860-11	SOCKET, CONNECTOR 17P
CNP602B*	1-564-519-11	PLUG, CONNECTOR 4P
CNP701*	1-565-291-11	SOCKET, CONNECTOR 13P(SYSTEM CONTROL 2)
CNP702	1-506-979-31	CONNECTOR, BOARD TO BOARD 13P
CNP703*	1-564-508-11	PLUG, CONNECTOR 5P
CNP704*	1-564-506-11	PLUG, CONNECTOR 3P
CNP752*	1-565-973-11	PLUG (WITH CONNECTOR) (L) 7P
CT1	1-141-227-00	(E,Saudi Arabia,Australian) ...CAP,TRIMMER (20PF)
CT2	1-141-227-00	(E,Saudi Arabia,Australian) ...CAP,TRIMMER (20PF)
D1	8-719-975-10	(E,Saudi Arabia,Australian) ...DIODE KV-1560NT
D11	8-719-912-20	(AEP,UK,Italian)...DIODE 1SS120
D501	8-719-303-13	DIODE SEL1210W
D502	8-719-303-13	DIODE SEL1210W
D503	8-719-303-13	DIODE SEL1210W
D504	8-719-303-13	DIODE SEL1210W
D505	8-719-912-20	DIODE 1SS120
D506	8-719-912-20	DIODE 1SS120
D507	8-719-912-20	DIODE 1SS120
D508	8-719-912-20	DIODE 1SS120
D509	8-719-912-20	DIODE 1SS120
D510	8-719-912-20	DIODE 1SS120
D511	8-719-912-20	DIODE 1SS120
D512	8-719-912-20	DIODE 1SS120
D513	8-719-912-20	DIODE 1SS120
D514	8-719-912-20	DIODE 1SS120
D516	8-719-912-20	DIODE 1SS120
D517	8-719-912-20	(Italian)...DIODE 1SS120
D518	8-719-912-20	(E,Saudi Arabia,Australian) ...DIODE 1SS120
D520	8-719-912-20	DIODE 1SS120
D521	8-719-912-20	DIODE 1SS120
D522	8-719-912-20	DIODE 1SS120
D523	8-719-912-20	DIODE 1SS120
D524	8-719-912-20	DIODE 1SS120
D525	8-719-912-20	DIODE 1SS120
D791	8-719-912-20	DIODE 1SS120
D901	8-719-312-09	DIODE RBA-402
D902	8-719-200-82	DIODE 11ES2
D903	8-719-200-82	DIODE 11ES2
D904	8-719-200-82	DIODE 11ES2
D905	8-719-200-82	DIODE 11ES2
D906	8-719-200-82	DIODE 11ES2
D907	8-719-200-82	DIODE 11ES2
D908	8-719-934-22	DIODE HZS30-2L
D909	8-719-014-88	DIODE UZP-6.8BC
D910	8-719-912-20	DIODE 1SS120
D911	8-719-912-20	DIODE 1SS120
D912	8-719-912-20	DIODE 1SS120

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Ref.No.	Part No.	Description
F901 ⚠	1-532-285-00	(E,Saudi Arabia,Australian) ...FUSE, TIME-LAG (T1.25A)
F902 ⚠	1-532-285-00	FUSE, TIME-LAG (T1.25A)
FE1	1-463-962-11	(EXCEPT Italian)..FRONT END(FM 2 GANG)
FE1	1-463-957-11	(Italian).....FRONT END(FM 4 GANG)
FE2	1-236-464-11	(E,Saudi Arabia,Australian) ...ENCAPSULATED COMPONENT
FE2	1-236-462-11	(AEP,UK,Italian) ...ENCAPSULATED COMPONENT
FE3	1-236-463-11	(AEP,UK,Italian) ...ENCAPSULATED COMPONENT
FL1	1-123-465-11	(Italian)...ENCAPSULATED COMPONENT
FL501	1-519-573-11	INDICATOR TUBE, FLUORESCENT
IC51	8-759-239-29	IC TC9217P
IC81	8-759-821-45	IC LA1851N
IC501	8-759-239-27	IC TMP-47C870N-4655
IC502	8-749-920-83	IC GP1U52XB
IC503	8-759-239-78	IC TC89101P
IC671	8-759-820-62	IC LB1639
IC691	8-759-634-50	IC M5218AL
IC731	8-759-602-04	IC M5226P
IC791	8-759-634-50	(AEP,UK,Italian)...IC M5218AL
IC792	8-759-208-08	IC TC4052BPHB
IC793	8-759-634-50	IC M5218AL
IC831	8-759-602-04	IC M5226P
IC891	8-749-900-96	(E,Saudi Arabia,Australian) ...IC STK4142MK2
IC891	8-749-920-13	(AEP,UK,Italian)...IC STK4132MK2
IC901	8-759-600-31	IC M5230L
IC902	8-759-604-84	IC M5F7806
ICP901 ⚠	1-532-846-21	LINK, IC (5A)
ICP902 ⚠	1-532-846-21	LINK, IC (5A)
IFT81	1-404-713-11	TRANSFORMER, IF
IFT82	1-404-807-11	TRANSFORMER, DISCRIMINATOR
J601	1-569-612-11	(EXCEPT Italian)...JACK, MINIATURE (MIX MIC)
J791	1-565-352-11	JACK, PIN 2P (PHONO/AUX)
J793	1-562-837-21	JACK (HEADPHONES)
J801	1-537-238-11	TERMINAL BOARD (SPEAKER)
L1	1-410-336-11	(AEP,UK,Italian)...INDUCTOR 220UH
L2	1-402-424-11	(E,Saudi Arabia,Australian) ...COIL (ANT,SW3)
L3	1-406-346-11	(E,Saudi Arabia,Australian) ...COIL (OSC,SW3)
L81	1-407-500-00	(AEP,UK,Italian)...INDUCTOR 4.7MMH
L81	1-410-521-11	(E,Saudi Arabia,Australian) ...INDUCTOR 100UH
L951	1-410-397-11	(Italian)...FERRITE BEAD INDUCTOR 1.1UH
L952	1-410-397-11	(Italian)...FERRITE BEAD INDUCTOR 1.1UH
LPF81	1-235-164-00	FILTER, LOW PASS
LPF82	1-235-164-00	FILTER, LOW PASS
Q1	8-729-620-19	TRANSISTOR 2SC2724-CD
Q3	8-729-900-80	TRANSISTOR DTC114ES
Q4	8-729-900-61	TRANSISTOR DTA114ES
Q5	8-729-900-80	TRANSISTOR DTC114ES
Q6	8-729-900-80	TRANSISTOR DTC114ES
Q7	8-729-900-61	TRANSISTOR DTA114ES
Q8	8-729-620-05	(AEP,UK,Italian)..TRANSISTOR 2SC2603-EF
Q9	8-729-900-80	TRANSISTOR DTC114ES
Q21	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q23	8-729-904-34	(E,Saudi Arabia,Australian) ...TRANSISTOR DTA114TS
Q24	8-729-900-80	(AEP,UK,Italian)..TRANSISTOR DTC114ES
Q25	8-729-900-80	(AEP,UK,Italian)..TRANSISTOR DTC114ES
Q26	8-729-900-80	(E,Saudi Arabia,Australian) ...TRANSISTOR DTC114ES
Q51	8-729-202-67	TRANSISTOR 2SK246-GR3
Q52	8-729-201-83	TRANSISTOR 2SC3112-A
Q53	8-729-202-67	(AEP,UK,Italian)..TRANSISTOR 2SK246-GR3
Q54	8-729-201-83	(AEP,UK,Italian)..TRANSISTOR 2SC3112-A
Q101	8-729-620-05	TRANSISTOR 2SC2603-EF
Q102	8-729-620-05	TRANSISTOR 2SC2603-EF
Q103	8-729-900-80	TRANSISTOR DTC114ES
Q104	8-729-900-80	TRANSISTOR DTC114ES
Q105	8-729-900-61	TRANSISTOR DTA114ES
Q151	8-729-620-19	(Italian)...TRANSISTOR 2SC2724-CD
Q152	8-729-620-19	(Italian)...TRANSISTOR 2SC2724-CD
Q501	8-729-620-05	TRANSISTOR 2SC2603-EF
Q502	8-729-900-80	TRANSISTOR DTC114ES
Q503	8-729-900-61	TRANSISTOR DTA114ES
Q504	8-729-900-80	TRANSISTOR DTC114ES
Q601	8-729-107-84	TRANSISTOR 2SC3623A-L
Q602	8-729-107-84	TRANSISTOR 2SC3623A-L
Q603	8-729-801-93	TRANSISTOR 2SD1387
Q621	8-729-620-05	TRANSISTOR 2SC2603-EF
Q732	8-729-620-05	TRANSISTOR 2SC2603-EF
Q832	8-729-620-05	TRANSISTOR 2SC2603-EF
Q901	8-729-900-80	TRANSISTOR DTC114ES
Q902	8-729-801-93	TRANSISTOR 2SD1387
Q911	8-729-900-80	TRANSISTOR DTC114ES
Q912	8-729-920-98	TRANSISTOR 2SD1761-EF
Q913	8-729-920-97	TRANSISTOR 2SB1187-EF
R3	1-247-891-00	CARBON 330K 5% 1/4W
R4	1-249-411-11	CARBON 330 5% 1/4W
R5	1-249-409-11	CARBON 220 5% 1/4W
R7	1-249-405-11	CARBON 100 5% 1/4W
R8	1-249-441-11	CARBON 100K 5% 1/4W
R9	1-249-437-11	CARBON 47K 5% 1/4W
R11	1-249-433-11	(AEP,UK,Italian) ...CARBON 22K 5% 1/4W
R13	1-249-441-11	CARBON 100K 5% 1/4W
R14	1-249-437-11	CARBON 47K 5% 1/4W
R15	1-247-903-00	(AEP,UK,Italian) ...CARBON 1M 5% 1/4W
R50	1-249-417-11	CARBON 1K 5% 1/4W
R51	1-249-417-11	CARBON 1K 5% 1/4W
R52	1-249-417-11	CARBON 1K 5% 1/4W
R53	1-249-417-11	CARBON 1K 5% 1/4W
R54	1-249-417-11	CARBON 1K 5% 1/4W
R55	1-249-425-11	CARBON 4.7K 5% 1/4W
R56	1-249-405-11	CARBON 100 5% 1/4W
R57	1-249-405-11	CARBON 100 5% 1/4W

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Ref.No.	Part No.	Description			
R58	1-249-423-11	CARBON	3.3K	5%	1/4W
R59	1-249-414-11	CARBON	560	5%	1/4W
R60	1-249-417-11	CARBON	1K	5%	1/4W
R61	1-249-410-11	CARBON	270	5%	1/4W
R62	1-249-425-11	CARBON	4.7K	5%	1/4W
R63	1-249-421-11	CARBON	2.2K	5%	1/4W
R64	1-249-425-11	CARBON	4.7K	5%	1/4W
R65	1-249-425-11	CARBON	4.7K	5%	1/4W
R66	1-249-405-11	CARBON	100	5%	1/4W
R67	1-249-423-11	(AEP,UK,Italian) ...CARBON	3.3K	5%	1/4W
R68	1-249-414-11	(AEP,UK,Italian) ...CARBON	560	5%	1/4W
R69	1-249-417-11	(AEP,UK,Italian) ...CARBON	1K	5%	1/4W
R70	1-249-410-11	(AEP,UK,Italian) ...CARBON	270	5%	1/4W
R71	1-249-433-11	(AEP,UK,Italian) ...CARBON	22K	5%	1/4W
R72	1-249-421-11	(AEP,UK,Italian) ...CARBON	2.2K	5%	1/4W
R73	1-249-425-11	(AEP,UK,Italian) ...CARBON	4.7K	5%	1/4W
R74	1-249-425-11	(AEP,UK,Italian) ...CARBON	4.7K	5%	1/4W
R81	1-249-433-11	CARBON	22K	5%	1/4W
R82	1-249-417-11	CARBON	1K	5%	1/4W
R84	1-249-429-11	CARBON	10K	5%	1/4W
R85	1-249-441-11	CARBON	100K	5%	1/4W
R86	1-249-437-11	CARBON	47K	5%	1/4W
R87	1-249-405-11	CARBON	100	5%	1/4W
R88	1-249-426-11	CARBON	5.6K	5%	1/4W
R89	1-249-426-11	CARBON	5.6K	5%	1/4W
R90	1-249-421-11	CARBON	2.2K	5%	1/4W
R91	1-249-421-11	CARBON	2.2K	5%	1/4W
R92	1-249-435-11	CARBON	33K	5%	1/4W
R93	1-249-435-11	CARBON	33K	5%	1/4W
R94	1-249-417-11	CARBON	1K	5%	1/4W
R95	1-249-417-11	CARBON	1K	5%	1/4W
R96	1-249-429-11	CARBON	10K	5%	1/4W
R97	1-249-429-11	CARBON	10K	5%	1/4W
R98	1-249-405-11	CARBON	100	5%	1/4W
R99	1-249-417-11	CARBON	1K	5%	1/4W
R100	1-249-429-11	CARBON	10K	5%	1/4W
R102	1-249-432-11	CARBON	18K	5%	1/4W
R103	1-249-428-11	CARBON	8.2K	5%	1/4W
R104	1-249-435-11	CARBON	33K	5%	1/4W
R107	1-249-423-11	CARBON	3.3K	5%	1/4W
R116	1-249-425-11	CARBON	4.7K	5%	1/4W
R121	1-249-434-11	(AEP,UK,Italian) ...CARBON	27K	5%	1/4W
R122	1-249-433-11	(AEP,UK,Italian) ...CARBON	22K	5%	1/4W
R123	1-249-421-11	CARBON	2.2K	5%	1/4W
R151	1-249-411-11	(Italian)...CARBON	330	5%	1/4W
R152	1-249-432-11	(Italian)...CARBON	18K	5%	1/4W
R153	1-249-414-11	(Italian)...CARBON	560	5%	1/4W
R154	1-249-411-11	(Italian)...CARBON	330	5%	1/4W
R155	1-249-434-11	(Italian)...CARBON	27K	5%	1/4W

Ref.No.	Part No.	Description			
R156	1-249-405-11	CARBON	100	5%	1/4W
R161	1-249-430-11	CARBON	12K	5%	1/4W
R162	1-249-430-11	CARBON	12K	5%	1/4W
R501	1-249-429-11	CARBON	10K	5%	1/4W
R502	1-249-429-11	CARBON	10K	5%	1/4W
R503	1-249-429-11	CARBON	10K	5%	1/4W
R504	1-249-429-11	CARBON	10K	5%	1/4W
R505	1-249-429-11	CARBON	10K	5%	1/4W
R506	1-249-429-11	CARBON	10K	5%	1/4W
R507	1-249-417-11	CARBON	1K	5%	1/4W
R508	1-249-417-11	CARBON	1K	5%	1/4W
R509	1-249-417-11	CARBON	1K	5%	1/4W
R510	1-249-417-11	CARBON	1K	5%	1/4W
R511	1-249-429-11	CARBON	10K	5%	1/4W
R512	1-249-429-11	CARBON	10K	5%	1/4W
R513	1-249-429-11	CARBON	10K	5%	1/4W
R514	1-249-423-11	CARBON	3.3K	5%	1/4W
R515	1-249-417-11	CARBON	1K	5%	1/4W
R516	1-249-441-11	CARBON	100K	5%	1/4W
R517	1-249-437-11	CARBON	47K	5%	1/4W
R518	1-249-415-11	CARBON	680	5%	1/4W
R519	1-249-415-11	CARBON	680	5%	1/4W
R520	1-249-415-11	CARBON	680	5%	1/4W
R521	1-249-415-11	CARBON	680	5%	1/4W
R522	1-249-417-11	CARBON	1K	5%	1/4W
R523	1-249-417-11	CARBON	1K	5%	1/4W
R524	1-249-417-11	CARBON	1K	5%	1/4W
R525	1-249-417-11	CARBON	1K	5%	1/4W
R526	1-249-417-11	CARBON	1K	5%	1/4W
R527	1-249-429-11	CARBON	10K	5%	1/4W
R528	1-249-429-11	CARBON	10K	5%	1/4W
R529	1-249-433-11	CARBON	22K	5%	1/4W
R530	1-249-429-11	CARBON	10K	5%	1/4W
R602	1-249-429-11	CARBON	10K	5%	1/4W
R603	1-249-429-11	CARBON	10K	5%	1/4W
R606	1-249-419-11	CARBON	1.5K	5%	1/4W
R607	1-249-422-11	CARBON	2.7K	5%	1/4W
R608	1-249-429-11	CARBON	10K	5%	1/4W
R609	1-249-429-11	CARBON	10K	5%	1/4W
R621	1-249-429-11	CARBON	10K	5%	1/4W
R622	1-249-409-11	CARBON	220	5%	1/4W
R623	1-249-434-11	CARBON	27K	5%	1/4W
R624	1-247-881-00	CARBON	120K	5%	1/4W
R625	1-249-422-11	CARBON	2.7K	5%	1/4W
R627	1-249-437-11	CARBON	47K	5%	1/4W
R628	1-249-405-11	CARBON	100	5%	1/4W
R671	1-249-415-11	CARBON	680	5%	1/4W
R691	1-249-405-11	CARBON	100	5%	1/4W
R692	1-249-405-11	CARBON	100	5%	1/4W
R701	1-249-429-11	CARBON	10K	5%	1/4W
R702	1-249-423-11	CARBON	3.3K	5%	1/4W
R703	1-249-429-11	CARBON	10K	5%	1/4W
R704	1-249-417-11	CARBON	1K	5%	1/4W
R705	1-249-437-11	(AEP,UK)...CARBON	47K	5%	1/4W
R706	1-249-417-11	CARBON	1K	5%	1/4W
R707	1-247-897-11	(AEP,UK,Italian) ...CARBON	560K	5%	1/4W
R708	1-249-437-11	(AEP,UK)...CARBON	47K	5%	1/4W

Ref.No.	Part No.	Description			
R709	1-249-430-11	(AEP,UK,Italian)			
		...CARBON	12K	5%	1/4W
R709	1-249-436-11	(E,Saudi Arabia,Australian)			
		...CARBON	39K	5%	1/4W
R710	1-249-433-11	CARBON	22K	5%	1/4W
R711	1-249-427-11	CARBON	6.8K	5%	1/4W
R712	1-249-429-11	CARBON	10K	5%	1/4W
R713	1-249-405-11	(AEP,UK,Italian)			
		...CARBON	100	5%	1/4W
R721	1-249-428-11	CARBON	8.2K	5%	1/4W
R722	1-249-423-11	CARBON	3.3K	5%	1/4W
R724	1-249-435-11	CARBON	33K	5%	1/4W
R725	1-249-405-11	CARBON	100	5%	1/4W
R726	1-249-413-11	CARBON	470	5%	1/4W
R727	1-249-416-11	CARBON	820	5%	1/4W
R731	1-249-425-11	CARBON	4.7K	5%	1/4W
R732	1-249-437-11	CARBON	47K	5%	1/4W
R733	1-249-429-11	CARBON	10K	5%	1/4W
R734	1-249-432-11	CARBON	18K	5%	1/4W
R735	1-249-419-11	CARBON	1.5K	5%	1/4W
R736	1-247-891-00	CARBON	330K	5%	1/4W
R737	1-249-425-11	CARBON	4.7K	5%	1/4W
R751	1-249-417-11	CARBON	1K	5%	1/4W
R752	1-249-438-11	CARBON	56K	5%	1/4W
R753	1-249-412-11	CARBON	390	5%	1/4W
R754	1-249-438-11	CARBON	56K	5%	1/4W
R755	1-249-421-11	CARBON	2.2K	5%	1/4W
R756	1-249-421-11	CARBON	2.2K	5%	1/4W
R757	1-249-482-11	CARBON	4.7	5%	1/2W
R771	1-247-749-11	CARBON	560	5%	1/2W
R775	1-249-429-11	CARBON	10K	5%	1/4W
R791	1-249-441-11	CARBON	100K	5%	1/4W
R792	1-249-441-11	CARBON	100K	5%	1/4W
R795	1-249-417-11	CARBON	1K	5%	1/4W
R796	1-249-441-11	CARBON	100K	5%	1/4W
R797	1-247-903-00	CARBON	1M	5%	1/4W
R801	1-249-429-11	CARBON	10K	5%	1/4W
R802	1-249-423-11	CARBON	3.3K	5%	1/4W
R803	1-249-429-11	CARBON	10K	5%	1/4W
R804	1-249-417-11	CARBON	1K	5%	1/4W
R805	1-249-437-11	CARBON	47K	5%	1/4W
R806	1-249-417-11	(AEP,UK)...CARBON	1K	5%	1/4W
R807	1-247-897-11	(AEP,UK,Italian)			
		...CARBON	560K	5%	1/4W
R808	1-249-437-11	(AEP,UK)...CARBON	47K	5%	1/4W
R809	1-249-430-11	(AEP,UK,Italian)			
		...CARBON	12K	5%	1/4W
R809	1-249-436-11	(E,Saudi Arabia,Australian)			
		...CARBON	39K	5%	1/4W
R810	1-249-433-11	CARBON	22K	5%	1/4W
R811	1-249-427-11	CARBON	6.8K	5%	1/4W
R812	1-249-429-11	CARBON	10K	5%	1/4W
R813	1-249-405-11	(AEP,UK,Italian)			
		...CARBON	100	5%	1/4W
R821	1-249-428-11	CARBON	8.2K	5%	1/4W
R822	1-249-423-11	CARBON	3.3K	5%	1/4W
R824	1-249-435-11	CARBON	33K	5%	1/4W
R825	1-249-405-11	CARBON	100	5%	1/4W

Ref.No.	Part No.	Description			
R826	1-249-413-11	CARBON	470	5%	1/4W
R827	1-249-416-11	CARBON	820	5%	1/4W
R831	1-249-425-11	CARBON	4.7K	5%	1/4W
R832	1-249-437-11	CARBON	47K	5%	1/4W
R833	1-249-429-11	CARBON	10K	5%	1/4W
R834	1-249-432-11	CARBON	18K	5%	1/4W
R835	1-249-419-11	CARBON	1.5K	5%	1/4W
R836	1-247-891-00	CARBON	330K	5%	1/4W
R837	1-249-425-11	CARBON	4.7K	5%	1/4W
R851	1-249-417-11	CARBON	1K	5%	1/4W
R852	1-249-438-11	CARBON	56K	5%	1/4W
R853	1-249-412-11	CARBON	390	5%	1/4W
R854	1-249-438-11	CARBON	56K	5%	1/4W
R855	1-249-421-11	CARBON	2.2K	5%	1/4W
R856	1-249-421-11	CARBON	2.2K	5%	1/4W
R857	1-249-482-11	CARBON	4.7	5%	1/2W
R871	1-247-749-11	CARBON	560	5%	1/2W
R875	1-249-429-11	CARBON	10K	5%	1/4W
R891 ⚠	1-212-881-11	FUSIBLE	100	5%	1/4W F
R892 ⚠	1-212-881-11	FUSIBLE	100	5%	1/4W F
R893	1-247-752-11	CARBON	1K	5%	1/2W
R894	1-247-752-11	CARBON	1K	5%	1/2W
R895 ⚠	1-212-881-11	FUSIBLE	100	5%	1/4W F
R896	1-247-883-00	CARBON	150K	5%	1/4W
R897	1-249-437-11	CARBON	47K	5%	1/4W
R898	1-249-429-11	CARBON	10K	5%	1/4W
R901 ⚠	1-212-885-00	(AEP,UK,Italian)			
		...FUSIBLE	150	5%	1/4W F
R901 ⚠	1-247-745-11	(E,Saudi Arabia,Australian)			
		...CARBON	330	5%	1/2W F
R902	1-249-429-11	CARBON	10K	5%	1/4W
R903 ⚠	1-247-752-11	CARBON	1K	5%	1/2W F
R904	1-249-439-11	CARBON	68K	5%	1/4W
R911	1-247-903-00	CARBON	1M	5%	1/4W
R912 ⚠	1-217-473-00	FUSIBLE	2.2	5%	1W F
R913 ⚠	1-217-473-00	FUSIBLE	2.2	5%	1W F
R914	1-249-432-11	CARBON	18K	5%	1/4W
R915	1-249-423-11	CARBON	3.3K	5%	1/4W
R916	1-249-431-11	CARBON	15K	5%	1/4W
R917	1-249-431-11	CARBON	15K	5%	1/4W
R918	1-249-429-11	CARBON	10K	5%	1/4W
R919	1-249-413-11	CARBON	470	5%	1/4W
R921	1-249-429-11	CARBON	10K	5%	1/4W
R922	1-249-429-11	CARBON	10K	5%	1/4W
R931 ⚠	1-212-877-11	FUSIBLE	68	5%	1/4W F
R951 ⚠	1-247-727-11	(Italian)...CARBON	10	5%	1/2W F
R952 ⚠	1-247-727-11	(Italian)...CARBON	10	5%	1/2W F
RV81	1-238-017-11	RES, ADJ, CARBON 22K			
RV82	1-238-017-11	RES, ADJ, CARBON 22K			
RV671	1-238-865-11	RES, VAR, CARBON (MOTOR)100KX2 (VOLUME)			
RV691	1-238-459-11	RES, VAR, CARBON 100K (BALANCE)			
RV701	1-238-491-11	RES, VAR, CARBON 500K/500K (DDFB)			
RV731	1-238-866-11	RES, VAR, SLIDE 250KX2 (12kHz)			
RV732	1-238-866-11	RES, VAR, SLIDE 250KX2 (4kHz)			
RV733	1-238-866-11	RES, VAR, SLIDE 250KX2 (1kHz)			
RV734	1-238-866-11	RES, VAR, SLIDE 250KX2 (400Hz)			
RV735	1-238-866-11	RES, VAR, SLIDE 250KX2 (100Hz)			

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Ref.No.	Part No.	Description
RY901	1-515-503-00	RELAY
S501	1-554-303-21	SWITCH, KEY BOARD (ENTER/NEXT)
S502	1-554-303-21	SWITCH, KEY BOARD (MEMORY)
S504	1-554-303-21	SWITCH, KEY BOARD (PHONO/VIDEO/AUX)
S505	1-554-303-21	SWITCH, KEY BOARD (CD)
S506	1-554-303-21	SWITCH, KEY BOARD (SHIFT)
S507	1-554-303-21	SWITCH, KEY BOARD (SLEEP)
S508	1-554-303-21	SWITCH, KEY BOARD (TUNER)
S509	1-554-303-21	SWITCH, KEY BOARD (TAPE)
S510	1-554-303-21	SWITCH, KEY BOARD (TIMER CONTROL)
S511	1-554-303-21	SWITCH, KEY BOARD (TIMER SET)
S512	1-554-303-21	SWITCH, KEY BOARD (TUNING +)
S513	1-554-303-21	SWITCH, KEY BOARD (TUNING -)
S514	1-554-303-21	SWITCH, KEY BOARD (SYSTEM POWER ON/STANDBY)
S515	1-554-303-21	SWITCH, KEY BOARD (CLOCK)
S516	1-554-303-21	SWITCH, KEY BOARD (BAND)
S517	1-554-303-21	SWITCH, KEY BOARD (MODE)
S518	1-554-303-21	SWITCH, KEY BOARD (TUNER/TIMER RESET +)
S519	1-554-303-21	SWITCH, KEY BOARD (TUNER/TIMER RESET -)
S901 ⚠	1-571-309-11	(E,Saudi Arabia,Australian) ...SWITCH 2-2-2 (VOLTAGE SELECTOR)
T901 ⚠	1-450-071-11	(E,Saudi Arabia,Australian) ...TRANSFORMER, POWER
T901 ⚠	1-450-072-11	(AEP,Italian)...TRANSFORMER, POWER
T901 ⚠	1-450-073-11	(UK).....TRANSFORMER, POWER
TB1	*1-537-138-31	(AEP,UK,Italian) ...TERMINAL BOARD (ANTENNA)
TB1	*1-537-238-21	(E,Saudi Arabia,Australian) ...TERMINAL BOARD (ANTENNA)
TP81	*1-560-060-00	PIN, CONNECTOR 2P
X51	1-577-126-11	VIBRATOR, CRYSTAL (7.2MHz)
X81	1-577-075-11	OSCILLATOR, CERAMIC (456kHz)
X501	1-567-821-21	VIBRATOR, CRYSTAL (4.19MHz)
X502	1-527-997-00	VIBRATOR, CRYSTAL (32kHz)

ACCESSORY & PACKING MATERIAL

*4-937-711-01	(AEP,Italian)...CUSHION (L)
*4-937-712-01	(AEP,Italian)...CUSHION (R)
*4-937-714-01	(AEP,Italian)...INDIVIDUAL CARTON

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

9-955-685-11

Sony Corporation
Audio Group

English
90D0560-1
Printed in Japan
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Published by Customer Relations and Service Group